

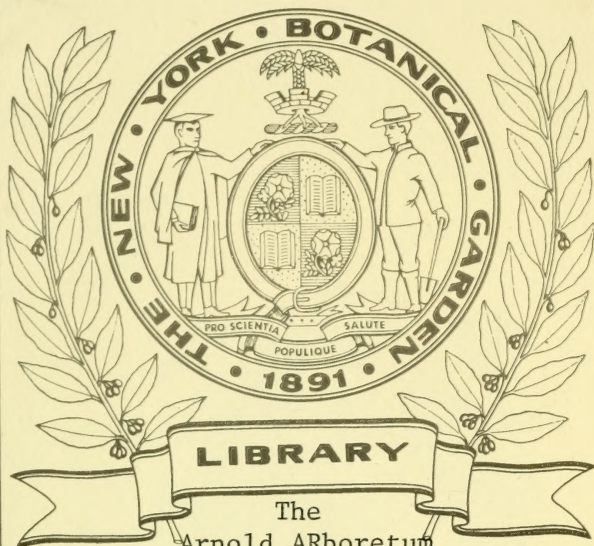
FLORA OF THE NILGIRI
& PULNEY HILL-TOPS



QK349.8

.F9

v.2

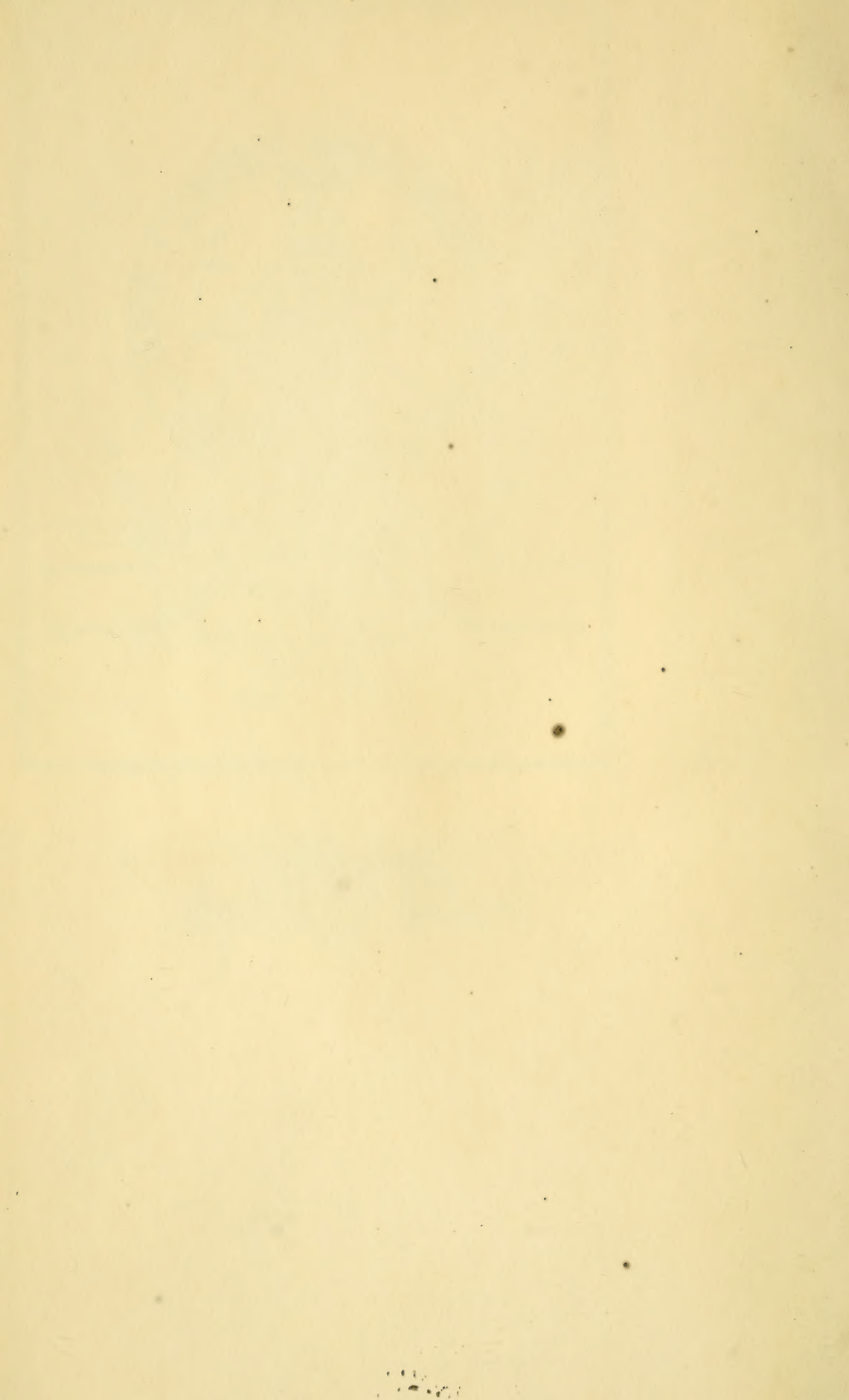


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June 1971







#

THE FLORA
OF THE
NILGIRI AND PULNEY HILL-TOPS
(ABOVE 6,500 FEET)

BEING THE
WILD AND COMMONER INTRODUCED FLOWERING
PLANTS

ROUND THE HILL-STATIONS OF
OOTACAMUND, KOTAGIRI AND
KODAIKANAL

With 286 full page illustrations and 4 maps

BY
P. F. FYSON, B.A., F.L.S.,
*Indian Educational Service,
Professor of Botany, Presidency College, Madras.*

VOLUME II.

MADRAS:
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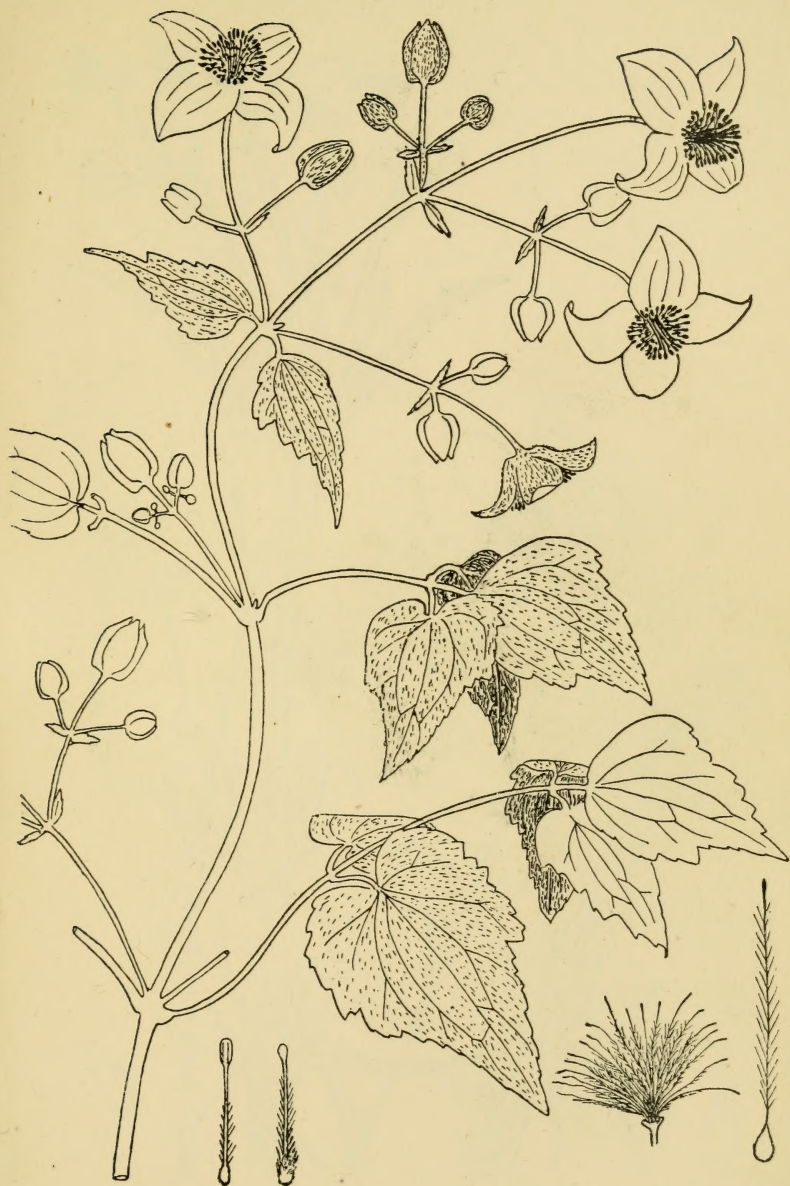
.F9

v. 2

The following have not been acknowledged on the plates.

Lady Bourne [E.T.B.]	... Nos. 84, 196, 225.
Mrs. Harrison [M.F.H.]	... Nos. 88, 174.
Mrs. Patton [E.P.]	... No. 114.
R. Natesan	... Nos. 64, 82, 122, 166, 182, 199, 250.
P. F. Fyson	... No. 69.

RANUNCULACEÆ.



P. F. Fyson.

CLEMATIS WIGHTIANA Wall.

$\frac{1}{2}$ Nar.

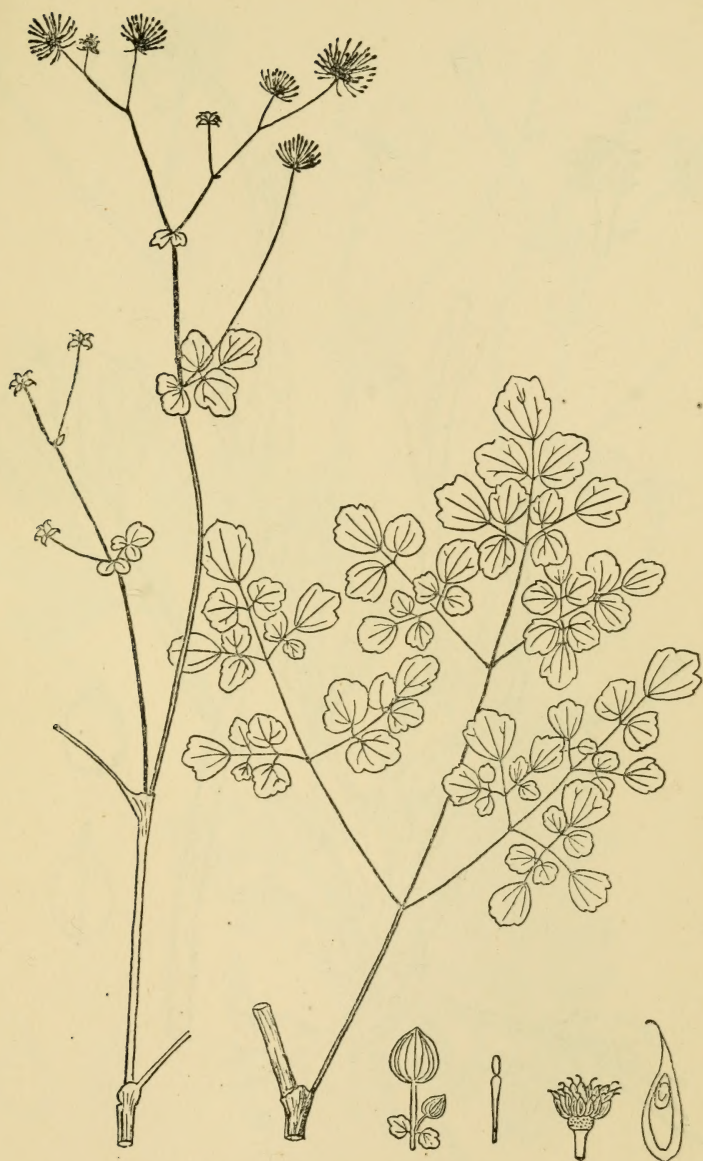
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M. F. Harrison. ANEMONE RIVULARIS Ham.

$\frac{1}{2}$ Nat.



P. F. Fyson. THALICTRUM JAVANICUM Blume.

$\frac{1}{2}$ Nat.



M. F. Harrison. RANUNCULUS RENIFORMIS Wall.

$\frac{1}{2}$ Nat.



R. Natesan. RANUNCULUS SUBPINNATUS W. & A. $\frac{1}{2}$ Nat.



2/3 Nat.

RANUNCULUS WALLICHIANUS W. & A.

R. Natesan.



G. Cruickshank. *RANUNCULUS MURICATUS* L.

$\frac{3}{4}$ Nat.



P. F. Fyson.

MICHELIA NILAGIRICA *Zenk.*

$\frac{3}{4}$ Nat.



P. F. Fyson. STEPHANIA HERNANDIFOLIA Walp.

$\frac{1}{2}$ Nat.



M. F. Harrison. BERBERIS TINCTORIA *Lesch.*

Nat. Size.



R. Natesan. BERBERIS TINCTORIA *Lesch.*

$\frac{1}{2}$ Nat.



P. F. Fyson. MAHONIA LESCHENAULTII Takeda.

$\frac{1}{2}$ Nat.



*P. F. Fyson.*

CARDAMINE HIRSUTA L.

 $\frac{2}{3}$ Nat

*W. Campbell.*BRASSICA JUNCEA *Hf. & T.* $\frac{2}{3}$ Nat.



P. F. Fyson. CAPSELLA BURSA-PASTORIS *Mæench.* Nat. Size.

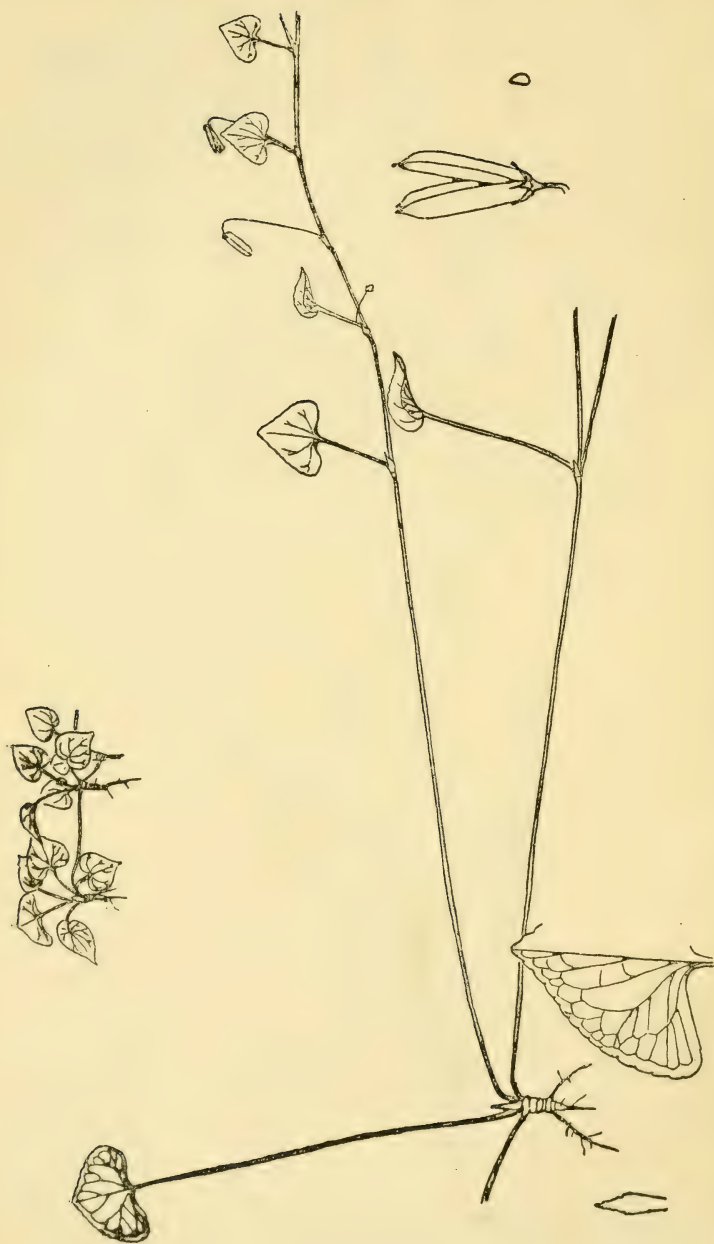


P. F. Fyson.

, 2

VIOLA PATRINII DC.

$\frac{2}{3}$ Nat.



P. F. Fyson.

VIOLA DISTANS Wall.

Nat.

Nat.

VIOLA SERPENS Wall.

P. F. Fyson.





P. F. Fyson. PITTOSPORUM TETRASPERMUM W. & A. $\frac{1}{2}$ Nat.



R. Natesan. *POLYGALA ARILLATA* *Hamil.*

$\frac{1}{2}$ Nat.



P. F. Fyson. POLYGALA ROSMARINIFOLIA W. & A. $\frac{2}{3}$ Nat.



$\frac{1}{2}$ Nat.

POLYGALA SIBIRICA L.

E. T. Bourne.

*P. F. Fyson.*

SILENE GALLICA L.

 $\frac{1}{2}$ Nat.

*R. Natesan.*

CERASTIUM INDICUM W. & A.

Nat. Size.



R. Natesan.

CERASTIUM VULGATUM L.
VAR GLOMERATA.

$\frac{2}{3}$ Nat.

*R. Natesan.*

SPERGULA ARVENSIS L.

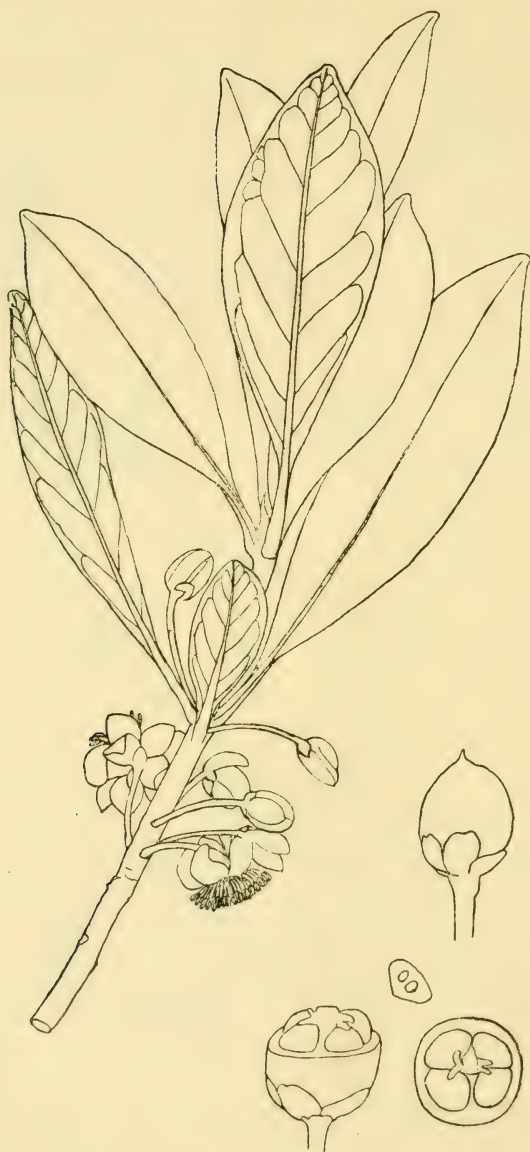
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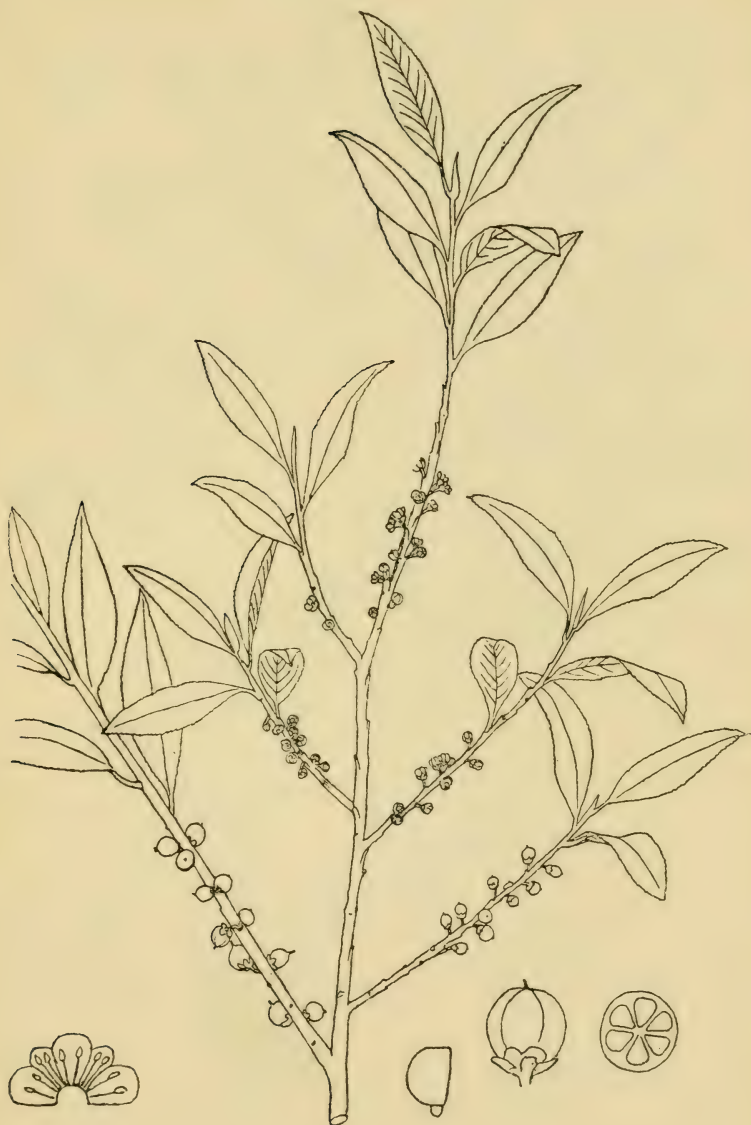












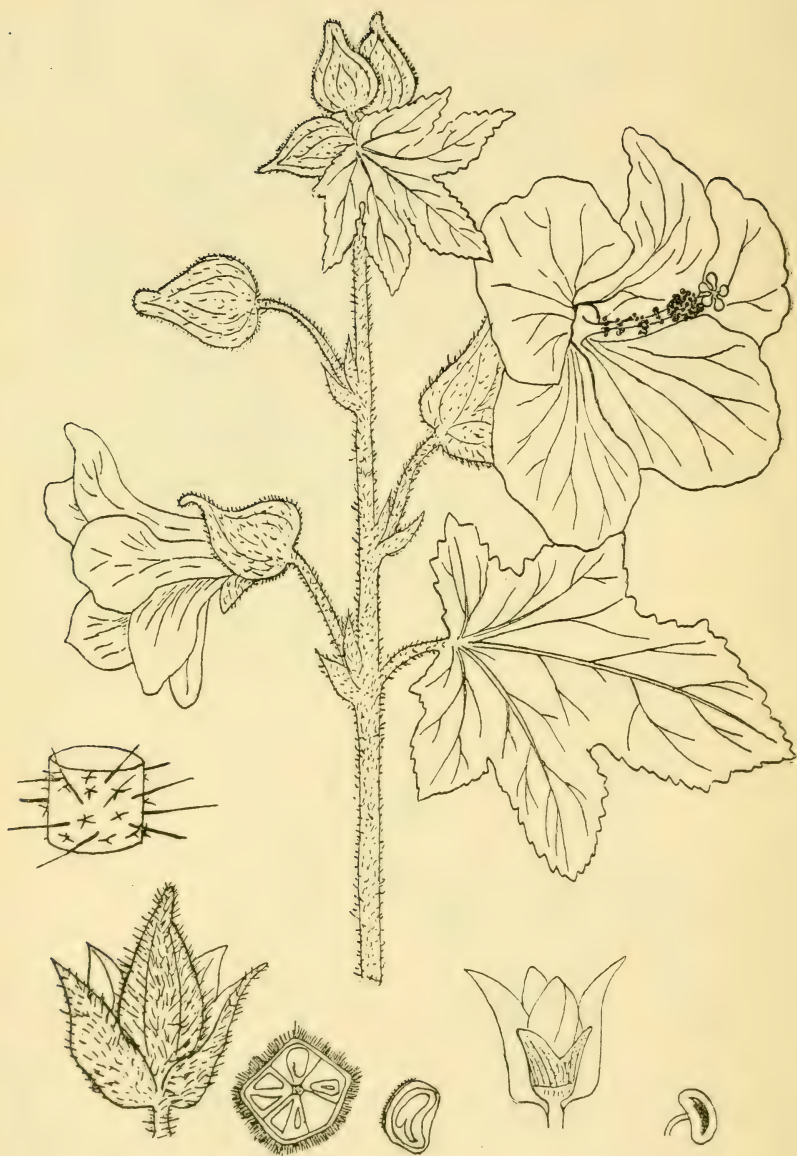
R. Natesan.

EURYA JAPONICA Thunb

$\frac{1}{2}$ Nat.



*MODIOLA CAROLINIANA* L.*R. Natesan.*



N. Rowson. HIBISCUS ANGULOSUS Mast.

$\frac{1}{2}$ Nat.



P. F. Fyson. ELÆOCARPUS OBLONGUS Gærtn.

$\frac{2}{3}$ Nat.



$\frac{1}{2}$ Nat.

ELÆOCARPUS FERRUGINEUS Wt.

R. Natesan.



R. Natesan.

LINUM MYSORENSE *Heyne.*

$\frac{2}{3}$ Nat.



Nat. Size.

OXALIS CORNICULATA L.

E. T. Bourne.





OXALIS PUBESCENS H.B.&K.



E. T. Bourne.

OXALIS VARIABILIS Lindl.



OXALIS TETRAPHYLLA Cav.



E T Bourne

OXALIS LATIFOLIA H.B. & K.



OXALIS PES CAPRÆ L.

Nora Bourne







A. Lawley.

IMPATIENS CHINENSIS L



E. T. Bourn. *IMPATIENS INCONSPICUA* *Benth.*





PEF

IMPATIENS TOMENTOSA

Hayne 5N



E.T. Bourne del

IMPATIENS LESCHENAULTII Wall.





After Wight.

IMPATIENS GOUGHII Wight.

*D. R. F., 1880**IMPATIENS PHŒNICEA* *Benth*



M. F. Harrison. TODDALIA ACULEATA Pers.



P. F. Fyson

MAPPIA FŒTIDA

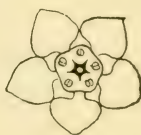
Miers



R. Natesan

ILEX WIGHTIANA

Wall



A. Nateson

EUONYMUS CRENULATUS *Wall*



Nabesari

MICROTROPIS RAMIFLORA Wight.



S. G. D. M. W.

MICROTROPIS OVALIFOLIA Wt.



CELASTRUS PANICULATA Willd.



RHAMNUS VIRGATUS Roxb.

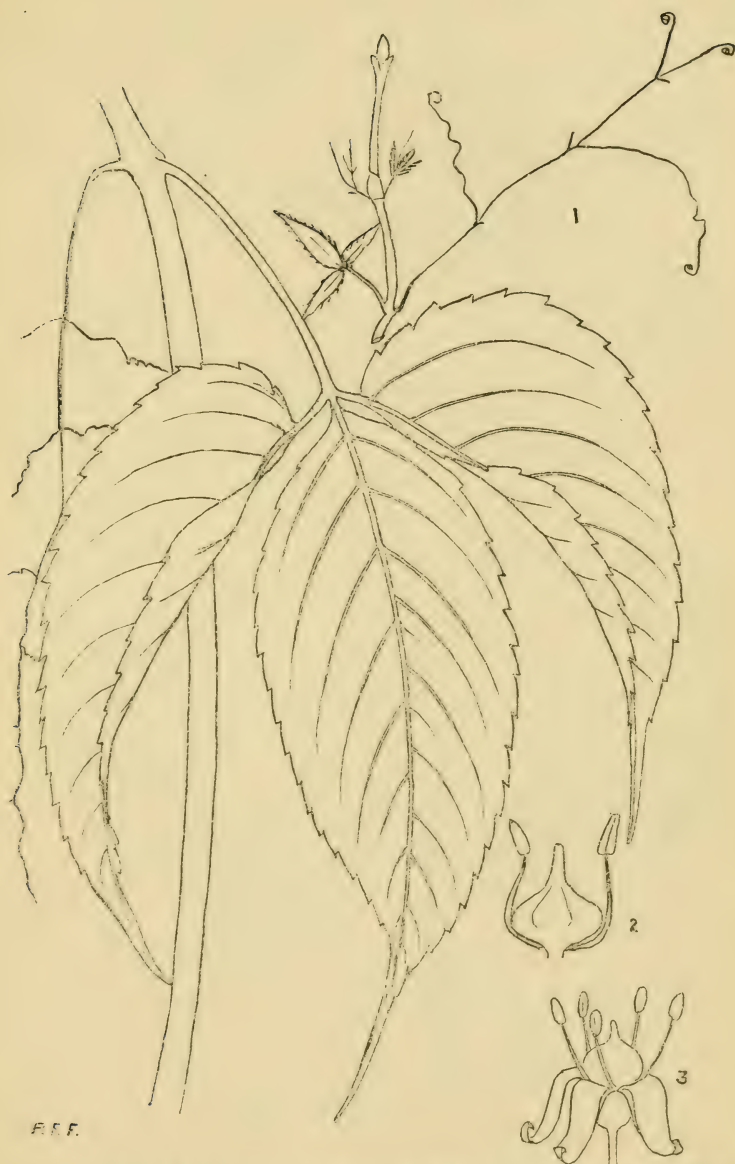


E. T. Bourne.

RHAMNUS WIGHTII W. & A.

*R. Natesan.*

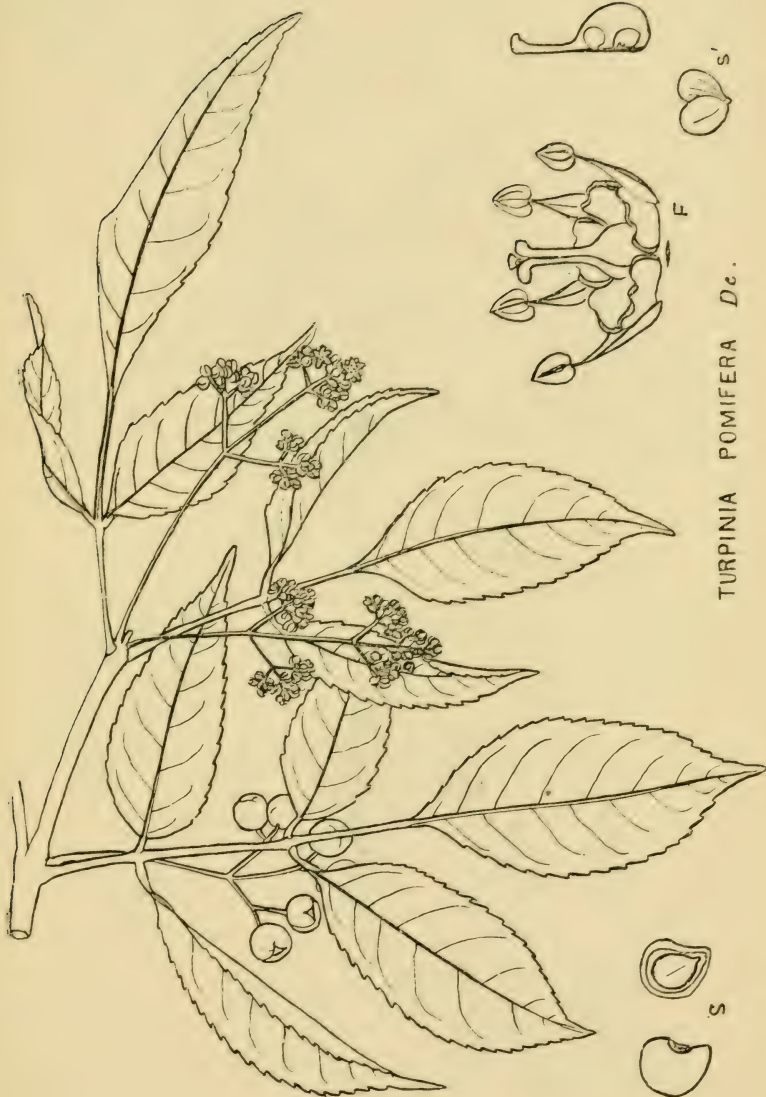
POMADERRIS LANIGERA Sims.



fff.

VITIS ANAMALAYANA Bodd





TURPINIA POMIFERA Dc.



R. Natesan.

MELIOSMA WIGHTII Planch.

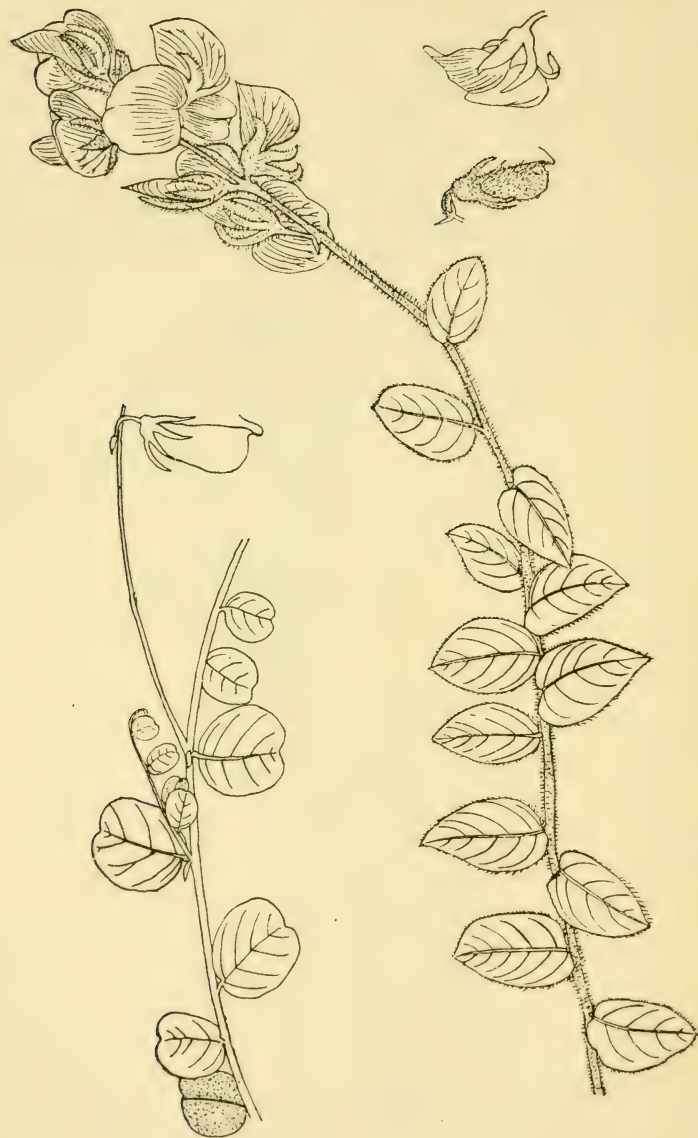




M. F. Harrison.

ULEX EUROPÆUS L.





CROTALARIA FYSONI DUNN



CROTALARIA OVALIFOLIA Wall.



Fyson

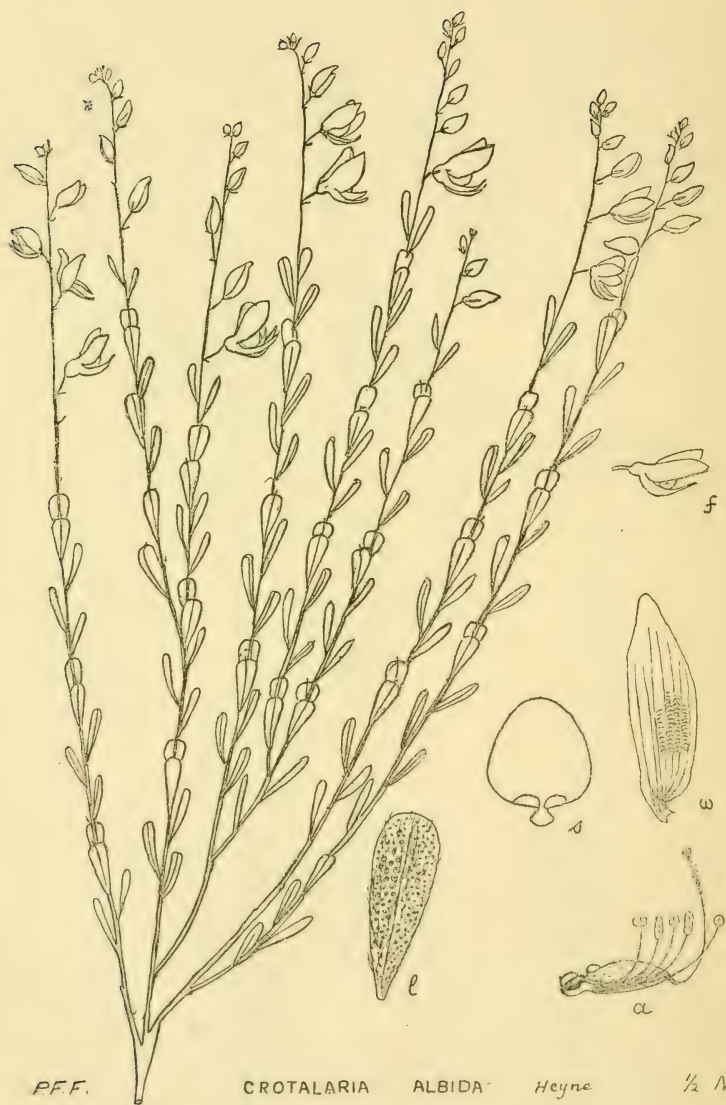
CROTALARIA-BOURNEÆ

D. R. Fyson



D.R. Fyson

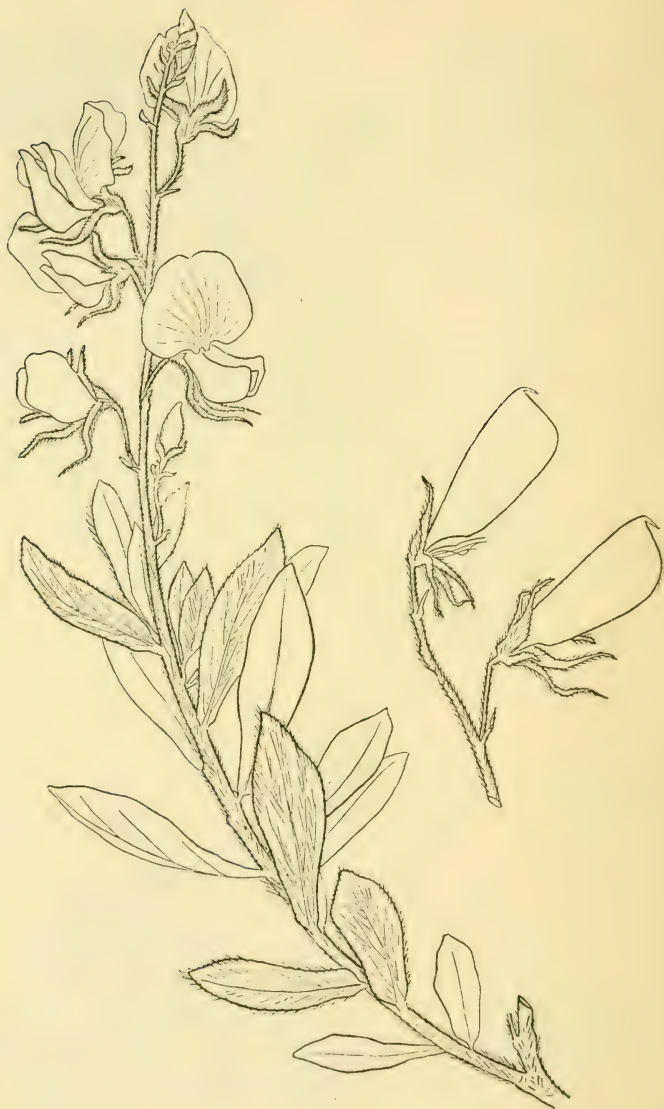
CROTALARIA SCABRELLA W & A





ET *Bourne*

CROTALARIA FORMOSA *Graham*

*D. R. Fyson*

CROTALARIA BARBATA

Graham



E. T. Bourne. CROTALARIA SEMPERFLORENS *Vent.*



CROTALARIA MADURENSIS Wt

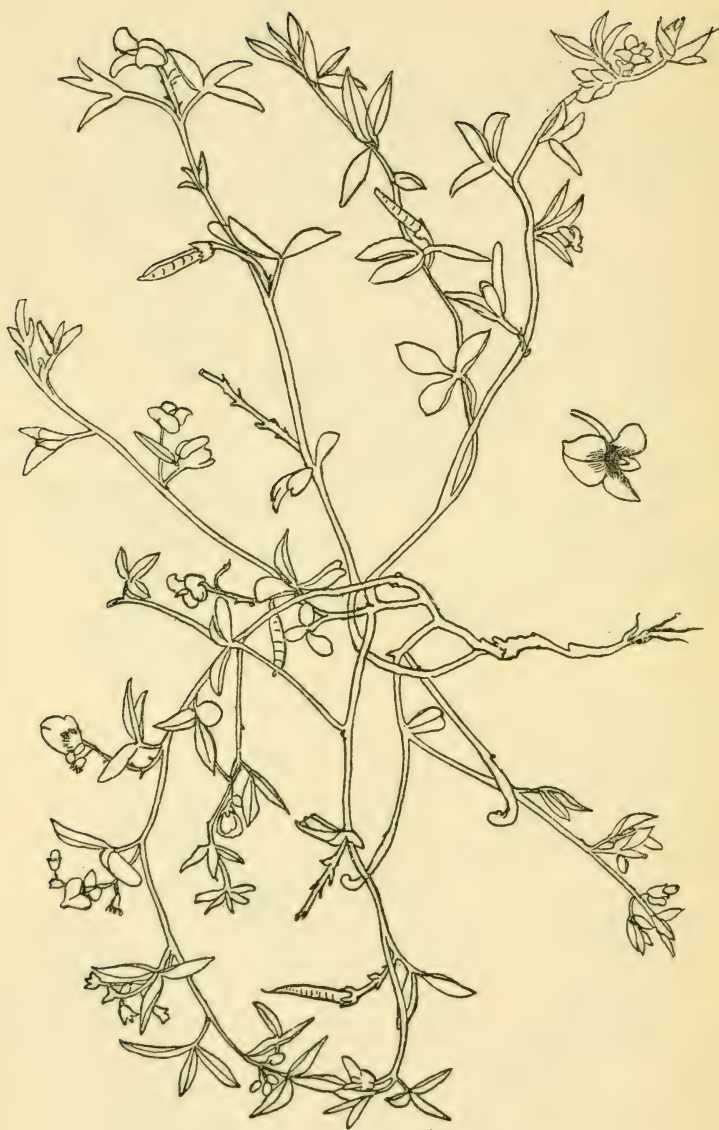


D.C. Hammett

PAROCHETUS

COMMUNIS

Hamilton.



INDIGOFERA PEDICELLATA W. & A.



M. F. Harrison.

PSORALEA PINNATA.





AN

DESMODIUM PARVIFOLIUM. DC.

VICIA SATIVA *Linn.*



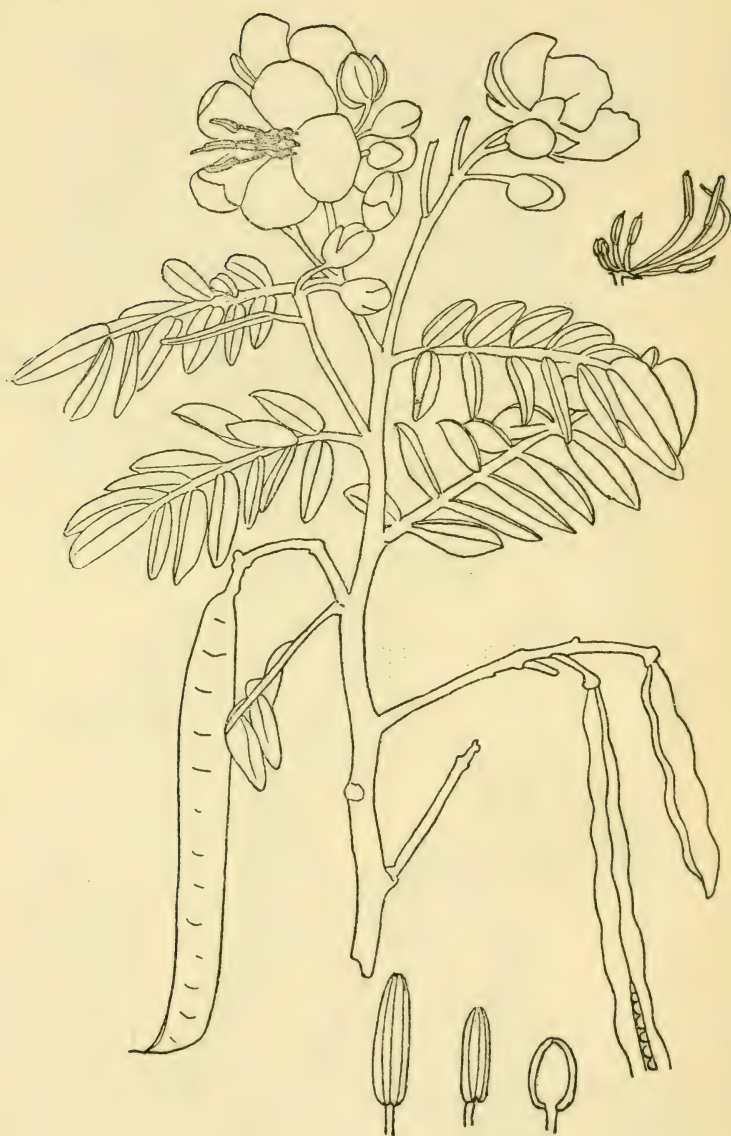
E. T. Bourne. *ATYLOSIA CANDOLLEI* W. & A.

*R. Natesan.*SOPHORA GLAUCA *Lesch.*



E. T. Bourne.

CASSIA LÆVIGATA Willd.



M. Henman.

CASSIA TOMENTOSA Linn.



M. F. Harrison. ACACIA MELANOXYLON *R. Br.*





PRINSEPIA UTILIS Royle

*P.F. Fyson.*

RUBUS MOLUCCANUS L.

2/5 Nat



RUBUS RACEMOSUS Roxb.

*Nora Rowson*

FRAGARIA

INDICA

Andr



FRAGARIA NILGERRENSIS Schltdl.





ROSA LESCHENAUULTIANA W&A.





E. T. Bourne.

PARNASSIA MYSORENSIS Heyne





P. T. Bourne.

DROSERA BURMANNI Vahl



E. T. Bourne

DROSERA PELTATA Sm



*E T Bourne*

RHODOMYRTUS

TOMENTOSA

Wight.



EUGENIA ARNOTTIANA. *Wight*

*R. Nalesan*

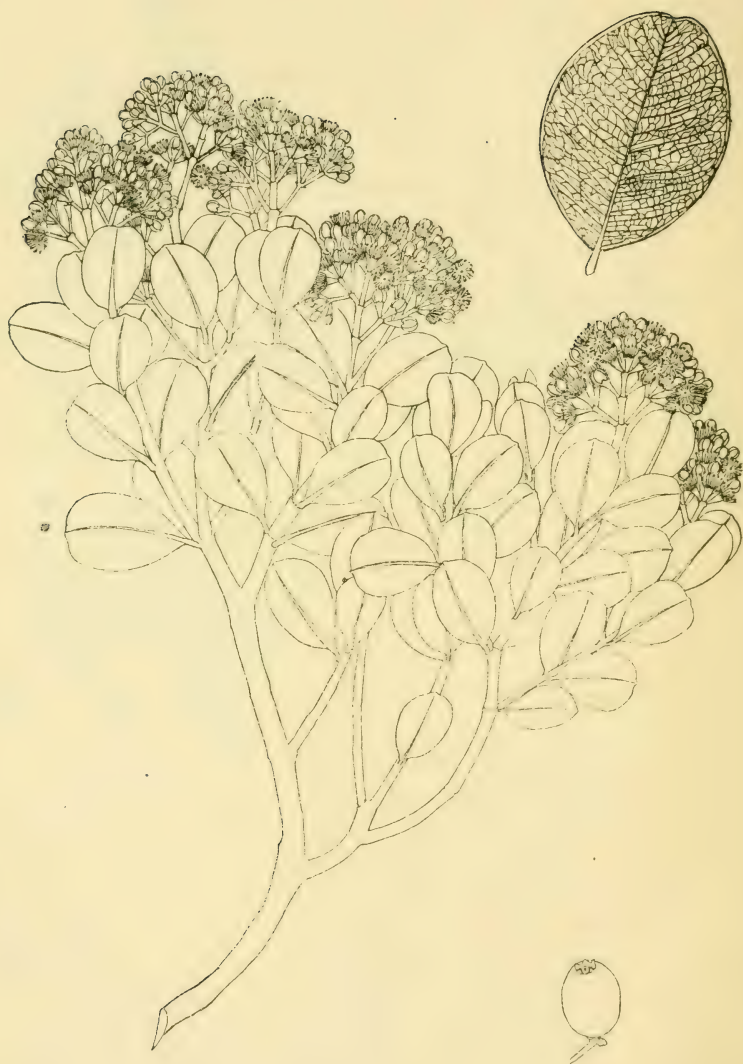
EUGENIA ARNOTTIANA.

Wt.



R. Natesan

EUGENIA MONTANA Wt.



Natesan

EUGENIA CALOPHYLLIFOLIA

Wt.





OSBECKIA

WIGHTIANA

Benth



OSBECKIA LESCHENAULTIANA DC.

*M.F. Harrison***ŒNOTHERA** **ODORATA** *Jacq.*



M. F. Harrison

CEANOTHERA TETRAPTERA L.



H. F. A. L. L.

FUCHSIA FULGENS

Moz. et Lessé.



H. B. K.

PASSIFLORA

LESCHENAUETII



A. Nolasan

PASSIFLORA

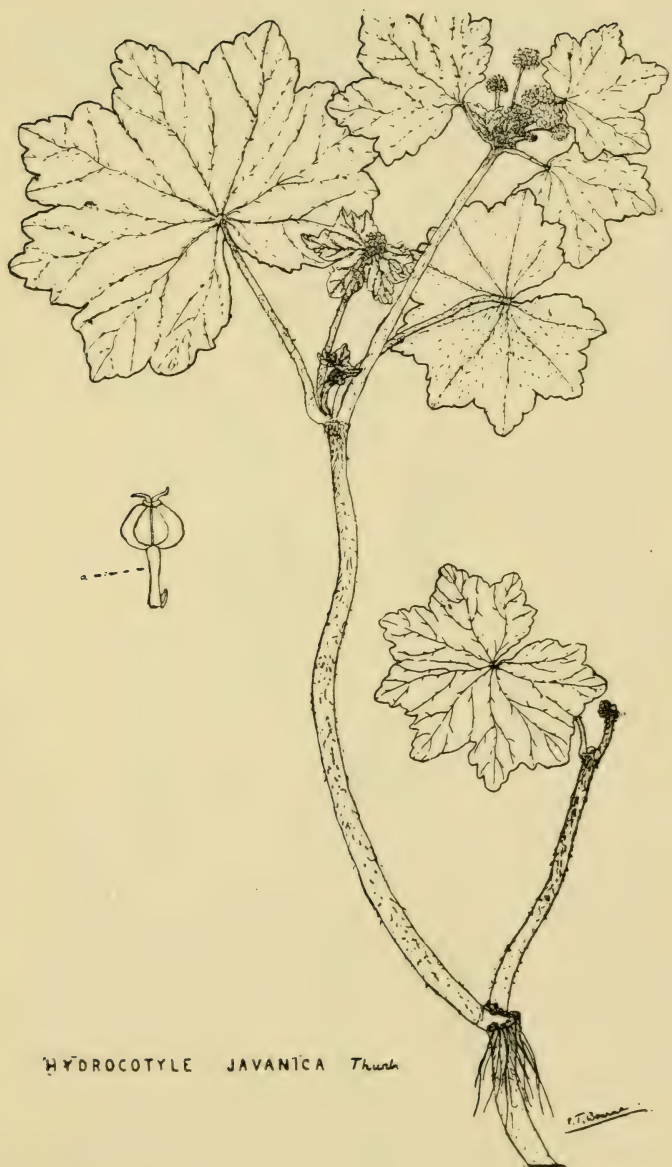
CALCARATA

Mast.



PASSIFLORA EDULIS Sims.

MELOTHRIA PERPUSILLA *Cogniaux*



HYDROCOTYLE JAVANICA Thunb



S. T. Bourne.

HYDROCOTYLE CONFERTA. Wight.



E. T. Bourne. BUPLEURUM PLANTAGINIFOLIUM *Wt.*



W. T. Kuhn

BUPLEURUM MUCRONATUM

W. T.



BUPLEURUM DISTICHOPHYLLUM

W. & A.

*D.R. Fyson*

PIMPINELLA LESCHENAULTII DC.



PIMPINELLA CANDOLLEANA W. & A.

D. R. Fyson.



*R. Natesan*

BRASSIA

CAPITATA

C. B. Clarke

*R. Nadesh.*

VIBURNUM

ACUMINATUM

DC.



R. Natesan. *VIBURNUM CORIACEUM* *Blume.*
var. *CAPITELLATA.*



E. T. Bourne.

VIBURNUM

HEBANTHUM W & A.



LONICERA LESCHENAUTII Woll.

*E.T. Bourne*

LONICERA

LIGUSTRINA *Wall.*



E.T. Bourne

HEDYTIS STYLOSA 8r



HEDYOTIS ARTICULARIS

Br.



ANOTIS LESCHENAUTIANA var. AFFINIS.

M. F. Harrison.



P.F.F.
after

R. Natesan

1178

ANOTIS SP.

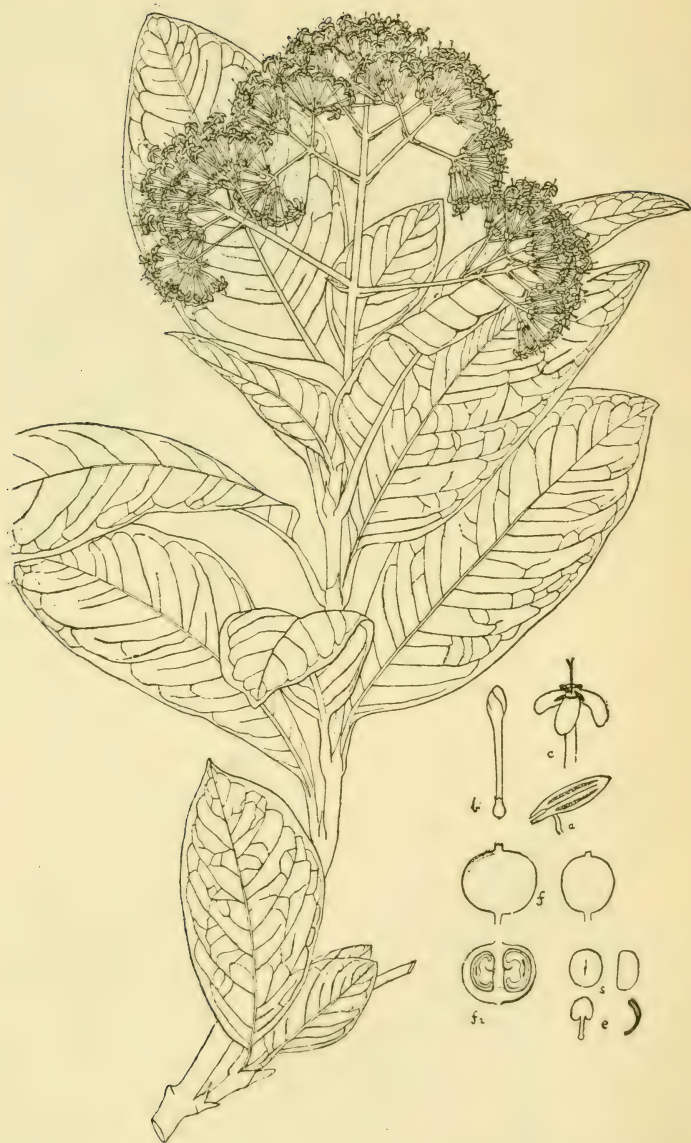
2045

3/4 Nat



E. T. Bourne.

KNOXIA MOLLIS W. & A.

*R. Natesan*

IXORA NOTONIANA Wall.



after R. Natesan

LASIANTHUS VENULOSUS Wt



E. T. Bourne.

RUBIA CORDIFOLIA L.



E. T. Bourne.

VALERIANA HOOKERIANA W. & A.



E. T. Bourne. VALERIANA LESCHENAUTII DC.



DIPSACUS LESCHENAUTII Coult.



R.F.F.
after E. Patton.

CENTRATHERUM RETICULATUM Benth.



VERNONIA CONYZOIDES DC.



P.F.F. after
R Natesan

VERNONIA

CORMORINENSIS Sm.



E. T. Bourne. VERNONIA PECTINIFORMIS *Wight.*



R. Natesan.

VERNONIA MONOSIS *Benth.*



ADENOSTEMMA VISCOSUM

Forst.



E. T. Bourne.

AGERATUM CONYZOIDES *Linn.*



D. R. Fyson.

DICROCEPHALA LATIFOLIA DC.



D. R. Fyson. *DICHROCEPHALA CHRYSANTHEMIFOLIA* DC.



D. R. Fyson. *DICHROCEPHALA CHRYSANTHEMIFOLIA* DC.



*P. Natesan*

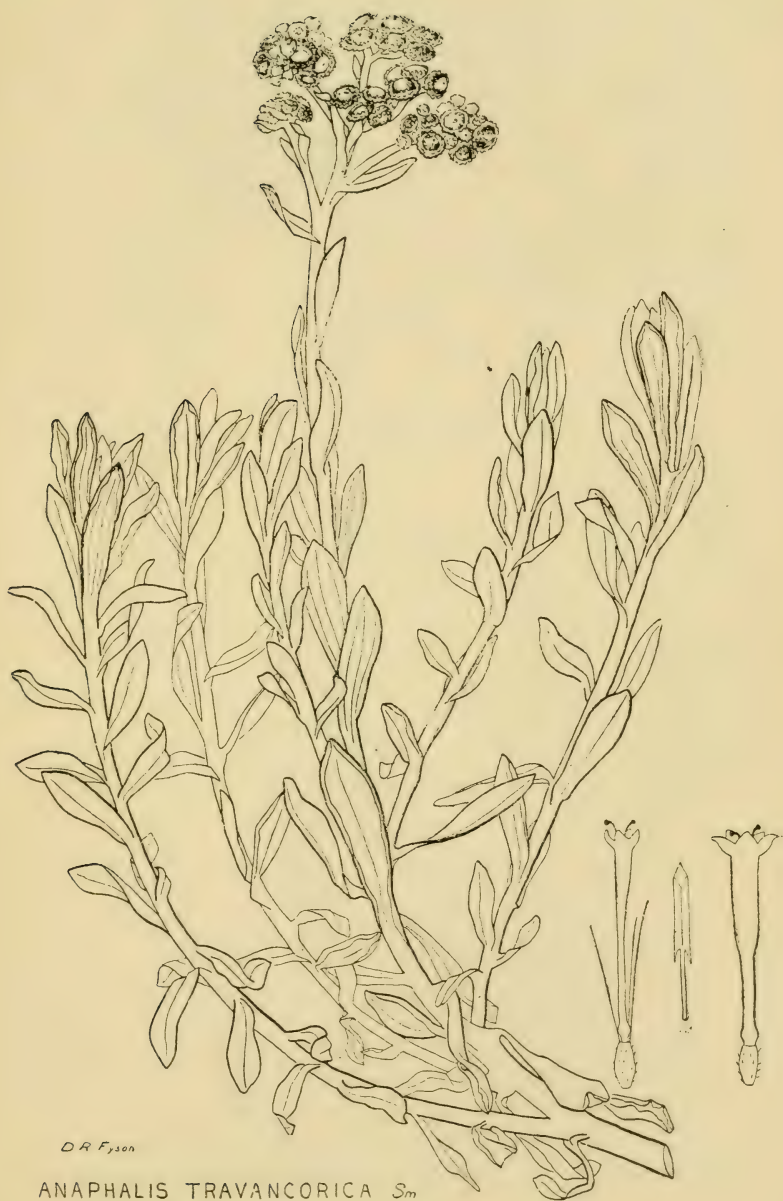
ERIGERON ALPINUS L.

*R. Natesan.*

ANAPHALIS

BEDDOMEI

Hook. & Arn.



D.R. Fyson

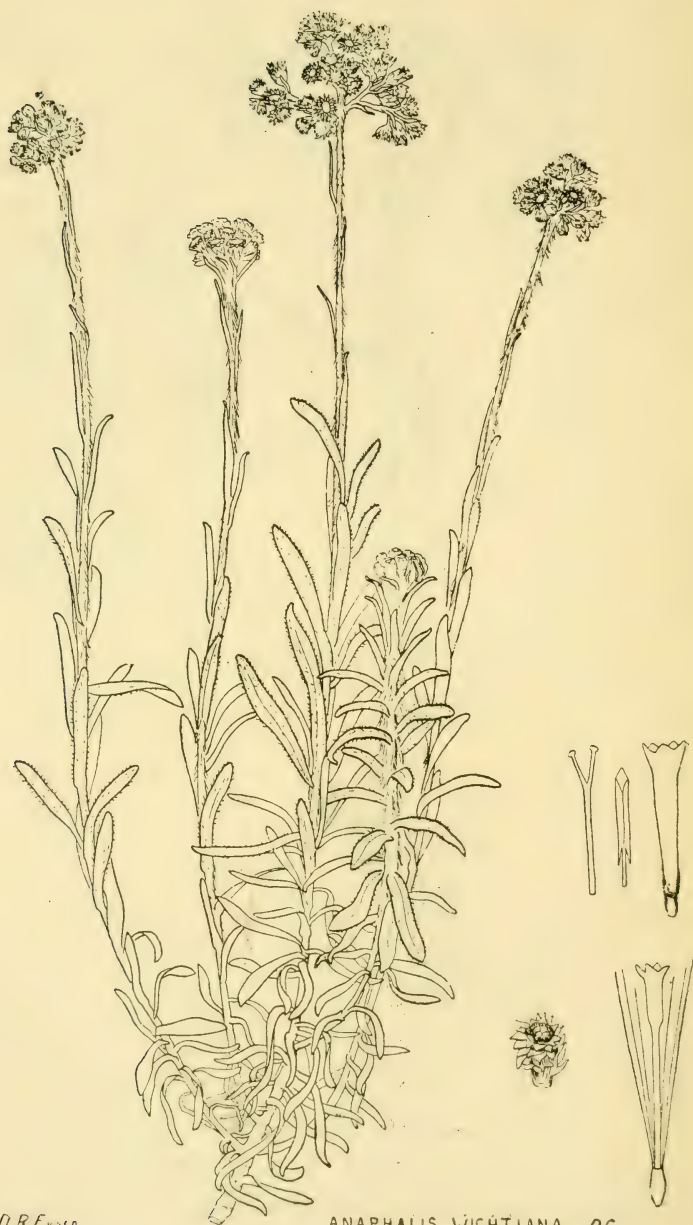
ANAPHALIS TRAVANCORICA Sm





E. T. Bourne.

ANAPHALIS ARISTATA DC.

*D.R.F. v. 2. 60**ANAPHALIS WIGHTIANA DC.*



D. R. Fyson

ANAPHALIS BOURNEI Fyson



ANAPHALIS NEELGERRIANA DC

E. T. Burrill.

HELICHRYSUM BUDDLEOIDES DC.



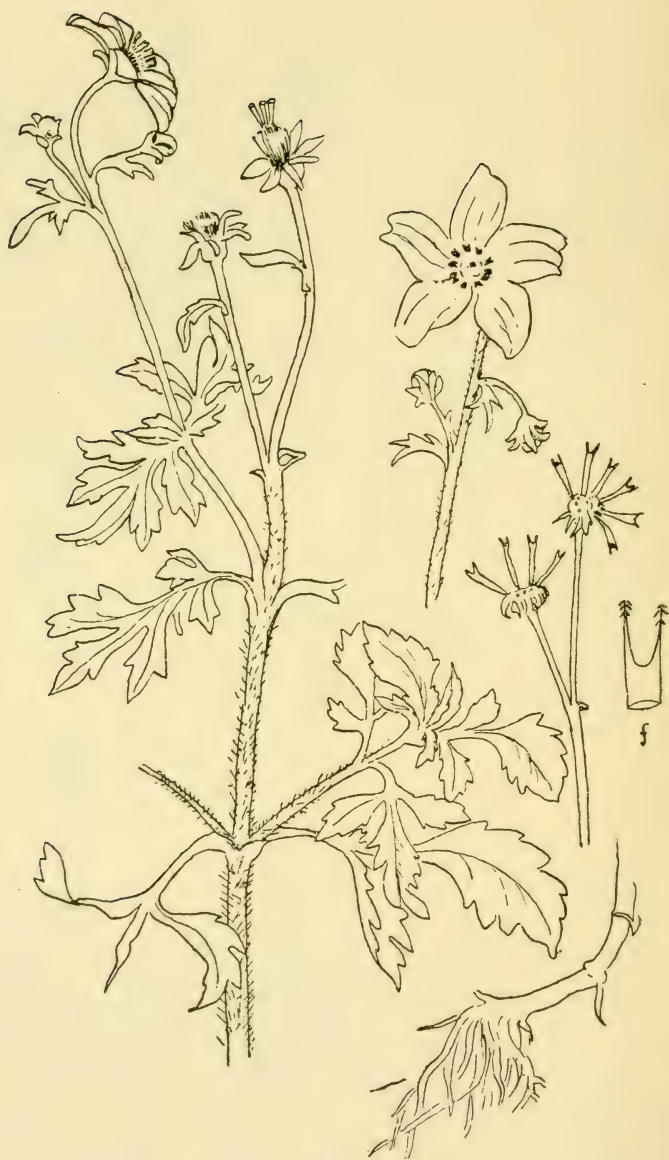
D. A. Fyson

'SIEGESBECKIA ORIENTALIS Lin.



E. T. Bourne.

BIDENS PILOSA *Linn.*



M. F. Harrison.

BIDENS HUMILIS H. B. & K.



S. T. Bourne.

SENECIO LAVANDULÆFOLIUS DC



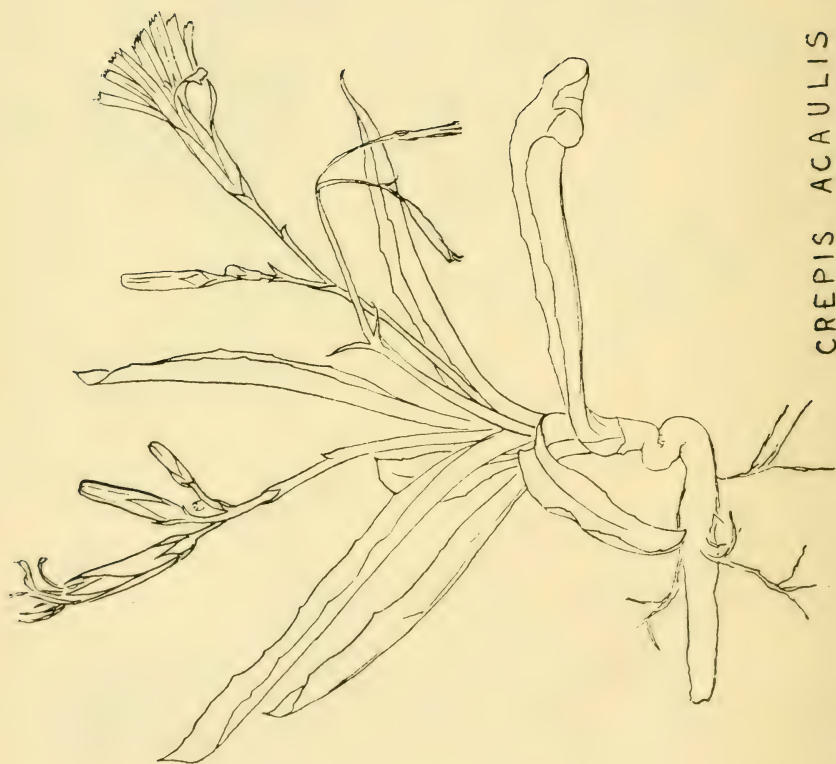
F. T. Bourne

SENECIO WIGHTIANUS DC



M. F. Harrison

PICRIS HIERACIOIDES L.



CREPIS ACAULIS Hooker f



ET Bourne

WAHLENBERGIA

GRACILIS D.C.





D. R. Fyson.

CAMPANULA FULGENS Wall.



E. T. Bourne. *VACCINIUM LESCHENAULTII* Wt.



RHODODENDRON ARBOREUM Sm.



A.E. Micheson.

LYSIMACHIA LESCHENAUTII DUBY



E. T. BOURNE

LYSIMACHIA DELTOIDES W.



MYRSINE WIGHTIANA Wall

*P. Natesan*

SIDEROXYLON

TOMENTOSUM Roxb.



R. Natesan · *SIMPLOCOS FOLIOSA* · *Wight*

*R. Nalesan*

SYMPLOCOS OBTUSA

Wall.



R. Nafsan SYMPLOCOS PENDULA Wt

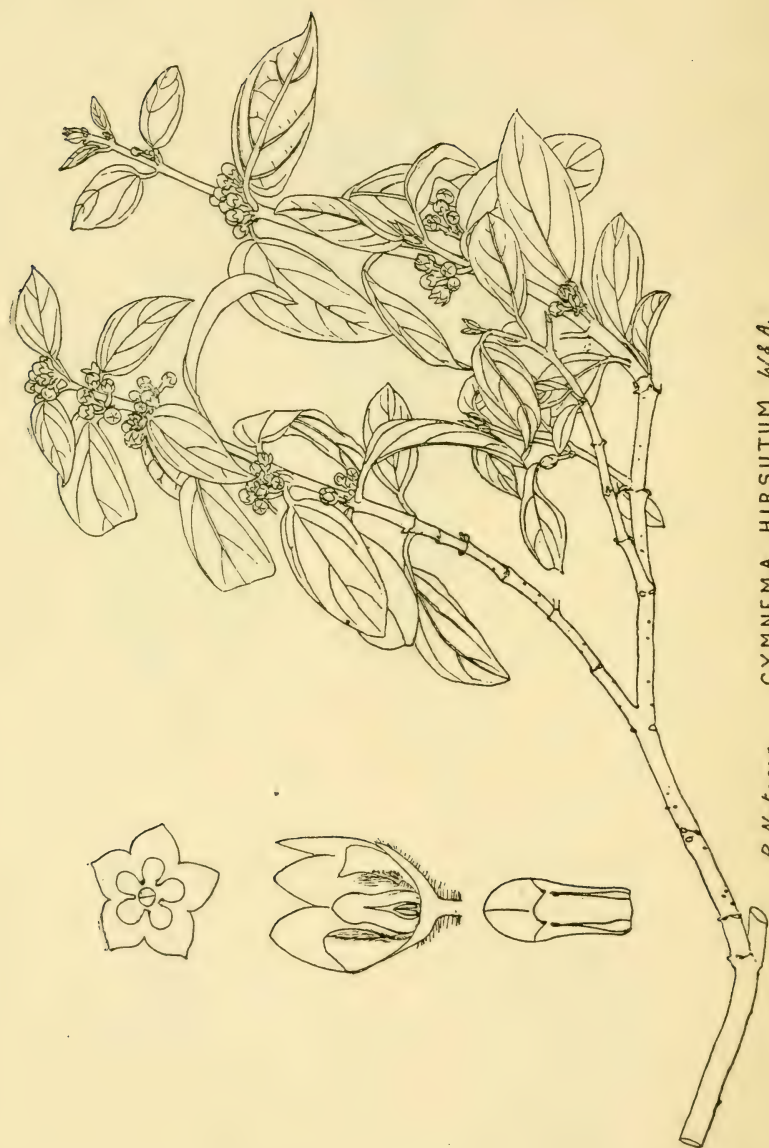


JASMINUM BREVILOBUM DC.

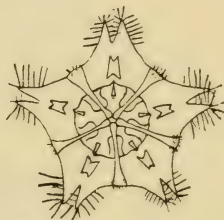
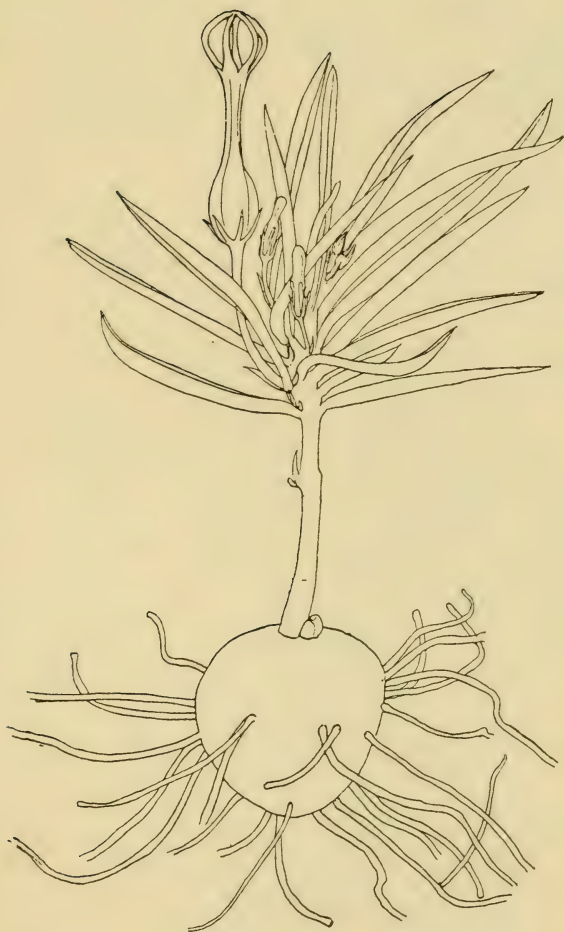
*R. Natesan*OLEA BOURNEI *Fyson*

*P. Natesan*

LIGUSTRUM PEROTTETII DC



R. Natesan *GYMNEMA HIRSUTUM W & A.*



R Natesan

CEROPEGIA PUSILLA *Wt*

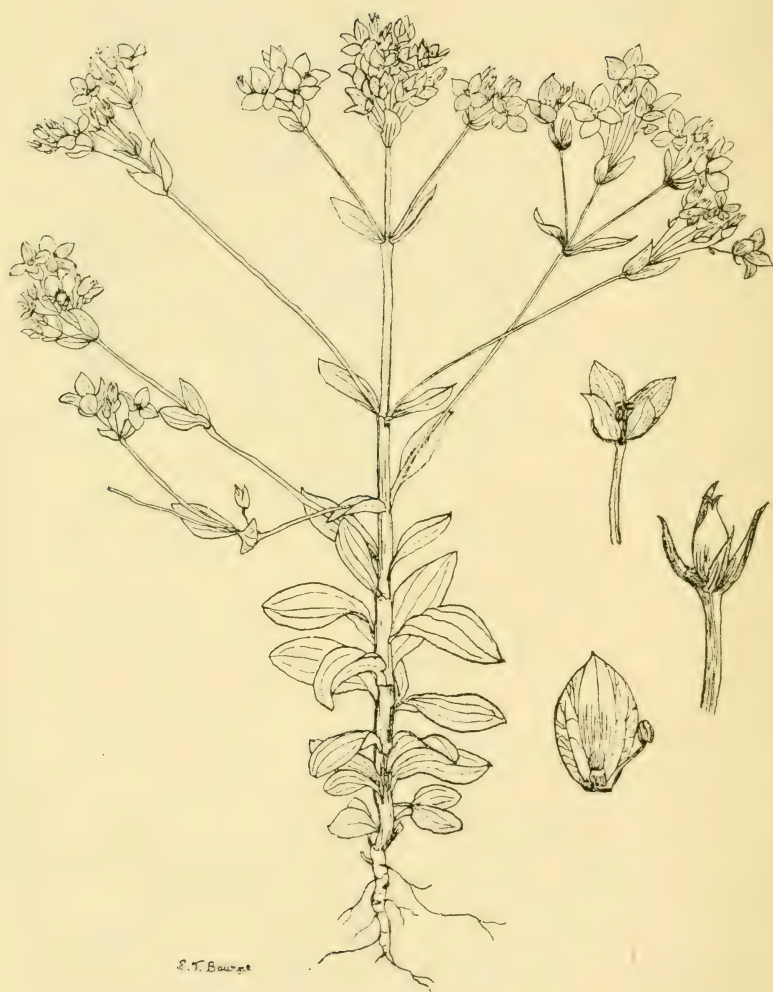


GARDNERIA OVATA Wall.

P. H. R. S. S.



non !
GENTIANA (QUADRIFARIA . Blume)
gen



S. T. Bourge

SWERTIA CORYMBOSA Wt



CYNOGLOSSUM

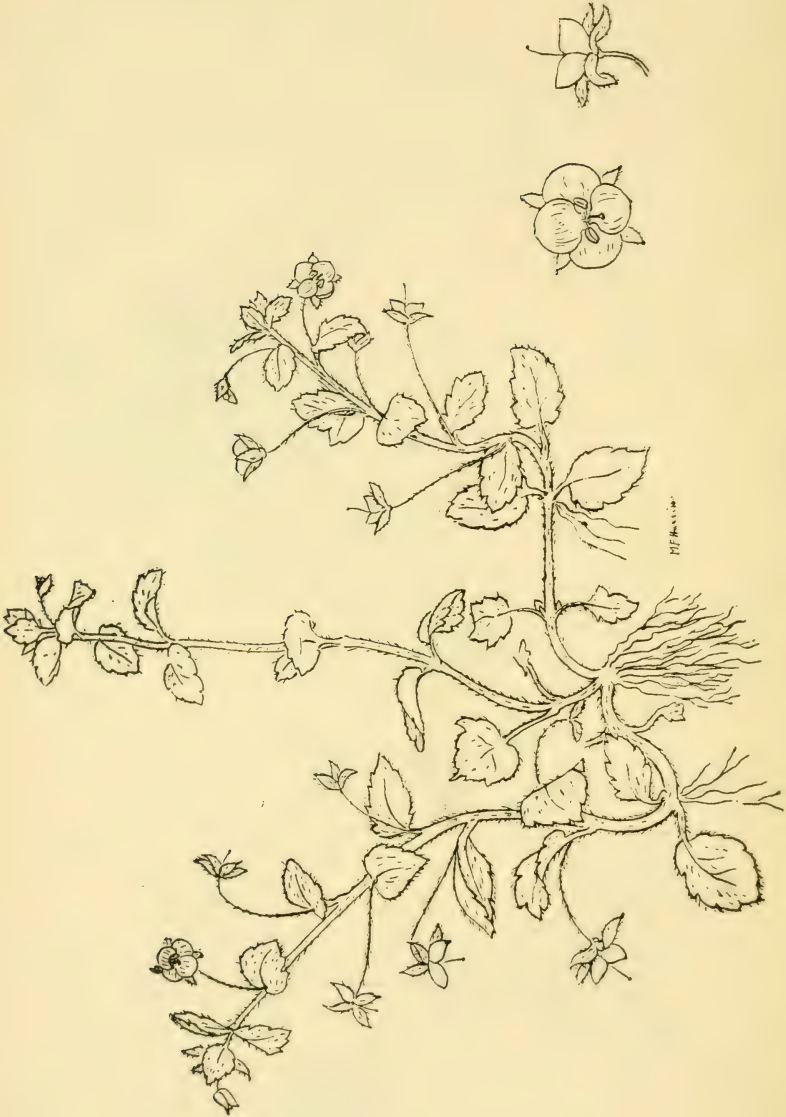
FURCATUM *Willd.*



ARGYREIA HIRSUTA 4711.

*R. Nalesen*

SOLANUM INDICUM Linn var. MULTIFLORA



VERONICA AGRESTIS Linn.

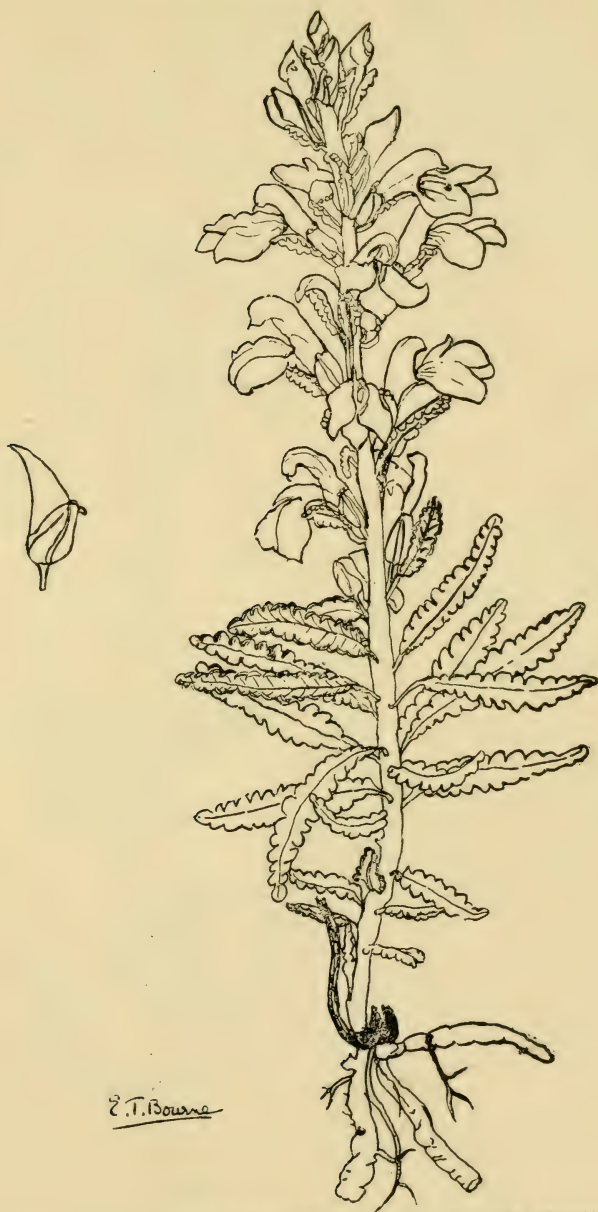


SOPUBIA DELPHINIFOLIA G. Don



S.T. Lowe

SOPUBIA TRIFIDIA Ham.



PEDICULARIS ZEYLANICA Benth.

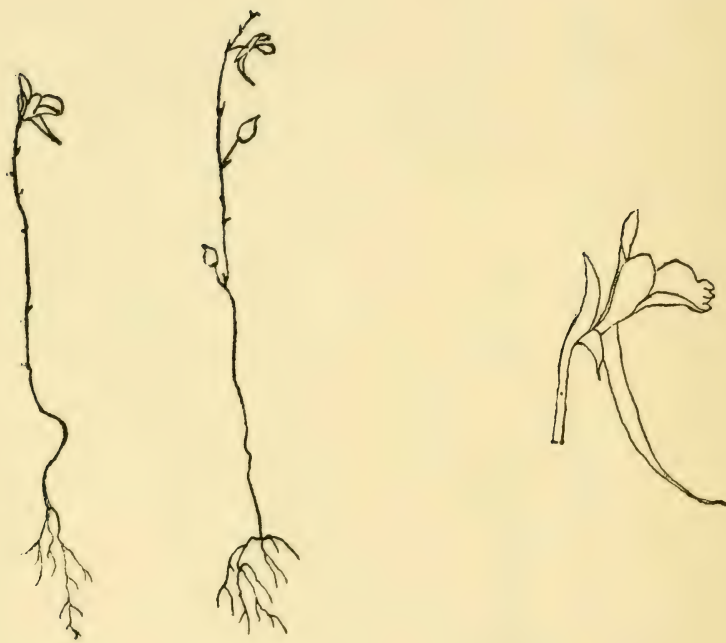


after N. Cox

PEDICULARIS PERROTTETII Benth.



UTRICULARIA CÆRULEA Linn.



E. T. Bourne

UTRICULARIA WALlichIANA, W.C.



Didymocarpus tomentosa Wt.



E. T. Bourné. STROBILANTHES KUNTHIANUS *T. Anders.*



E. T. Bourne.

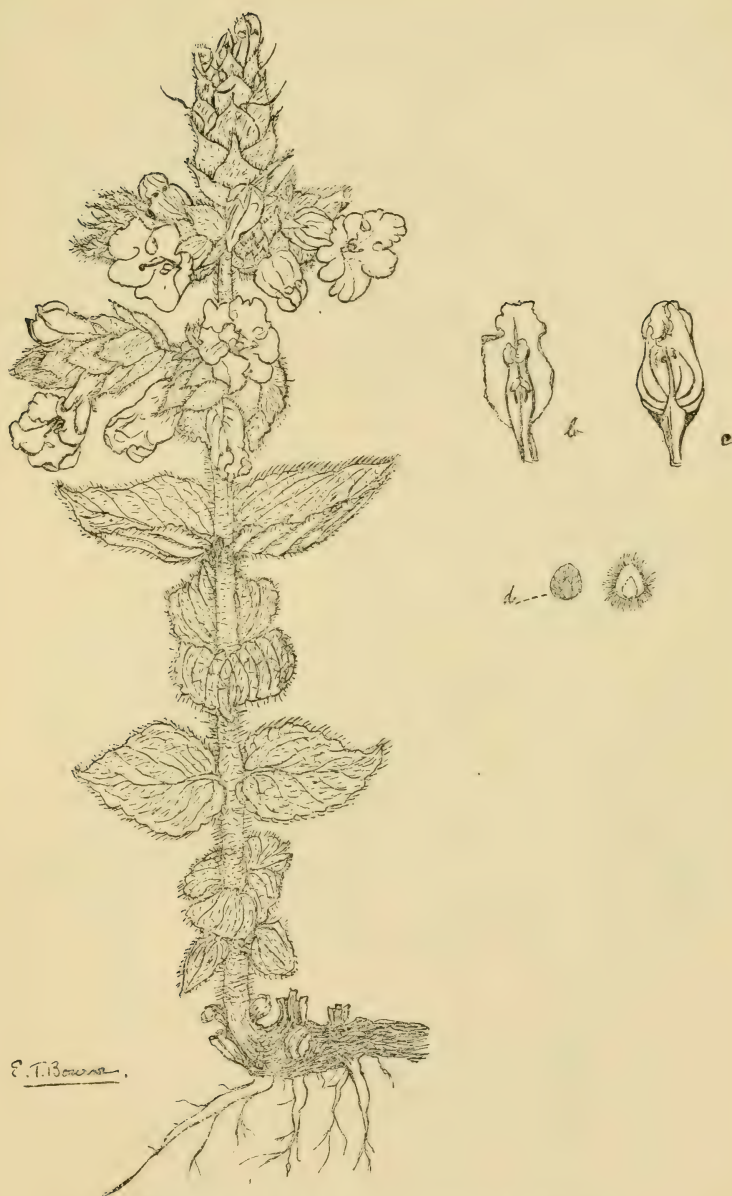
STROBILANTHES CUSPIDATUS

T. Anders.



E. T. Bennett.

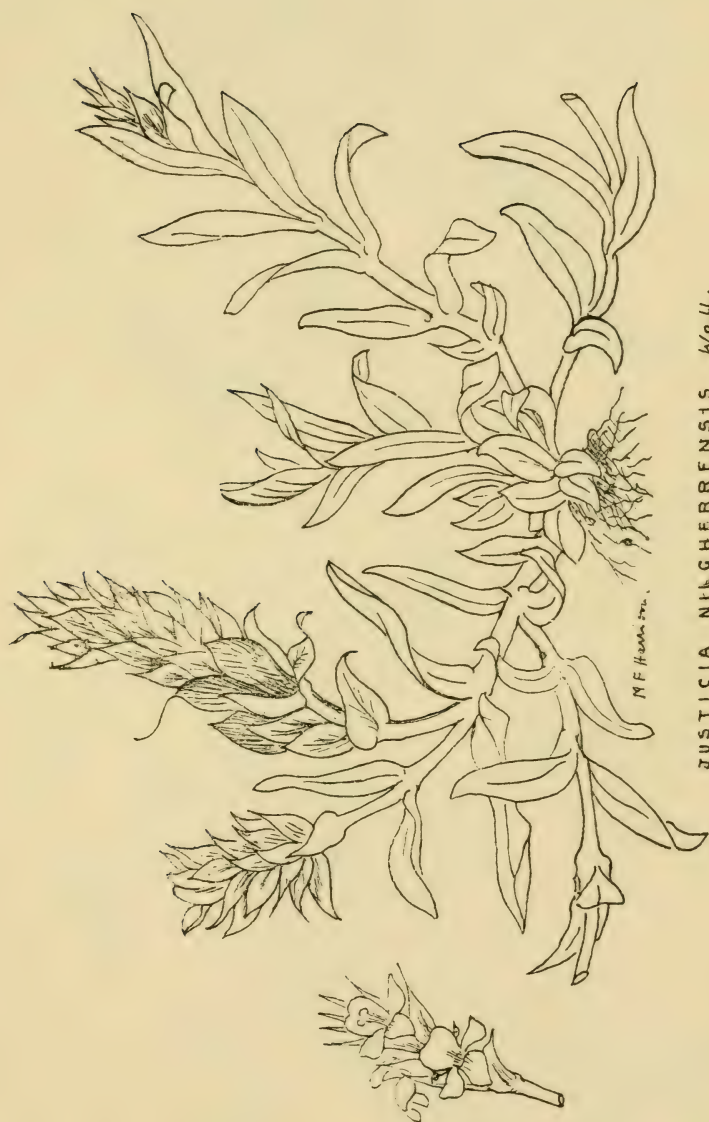
STROBILANTHES WIGHTIANUS Nees.



STROBILANTHES SESSILIS Nees.



ANDROGRAPHIS LOBELIODES Wight



JUSTICIA NILGHERRENSIS WALL.



JUSTICIA SIMPLEX Don



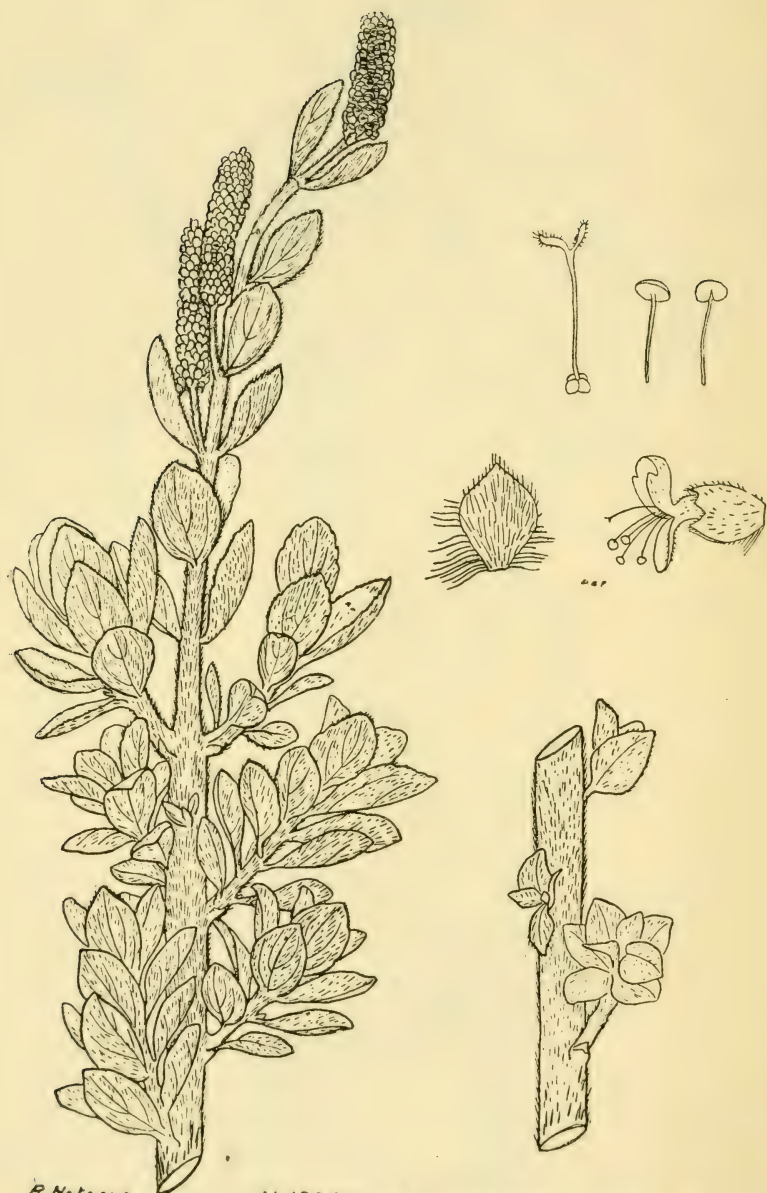
VERBENA VENOSA Gill. & Hook



VERBENA BONARIENSIS Linn



COLEUS BARBATUS Benth



R. Natesan

ANISOCHILUS DYSOPHYLLOIDES Benth



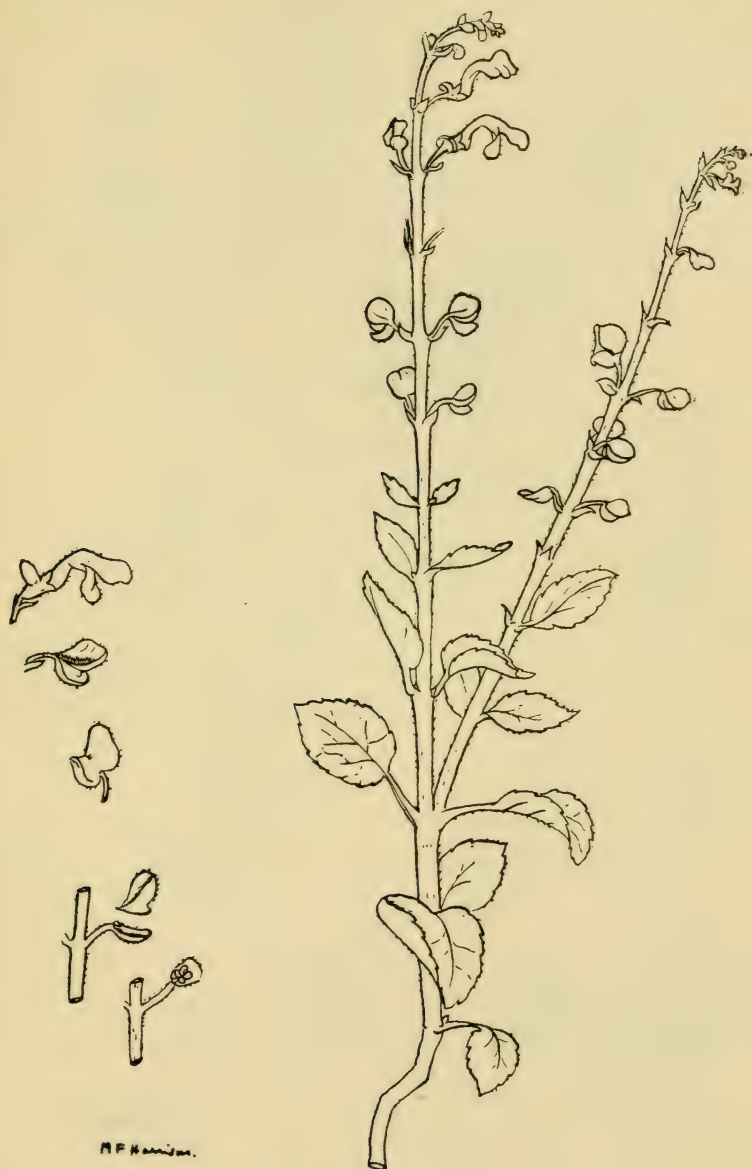
E. T. Boueno.

POGOSTEMON SPECIOSUS. Benth



E. T. Bourne

MICROMERIA BIFLORA *Benth.*



MF Hamill.

SCUTELLARIA VIOLACEA Heyne



E. T. Bourne

BRUNELLA VULGARIS L. var. HISPIDA Benth.



ET Bournø

LEUCAS

ROSMARINIFOLIA Benth



LEUCAS SUFFRUTICOSA Benth



LEUCAS LANCEÆFOLIA Desf.





PLANTAGO MAJOR L.

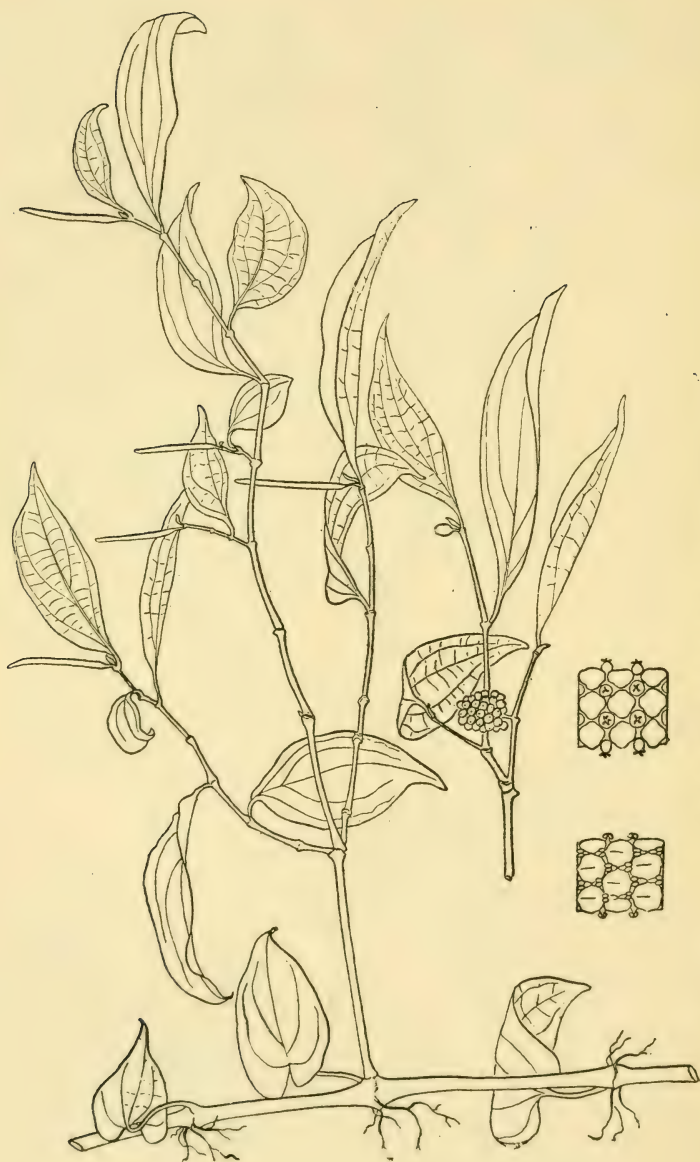
*P.F. Fyson*

FAGOPYRUM ESCULENTUM

Moench



RUMEX NEPALENSIS Spr.



Wall.

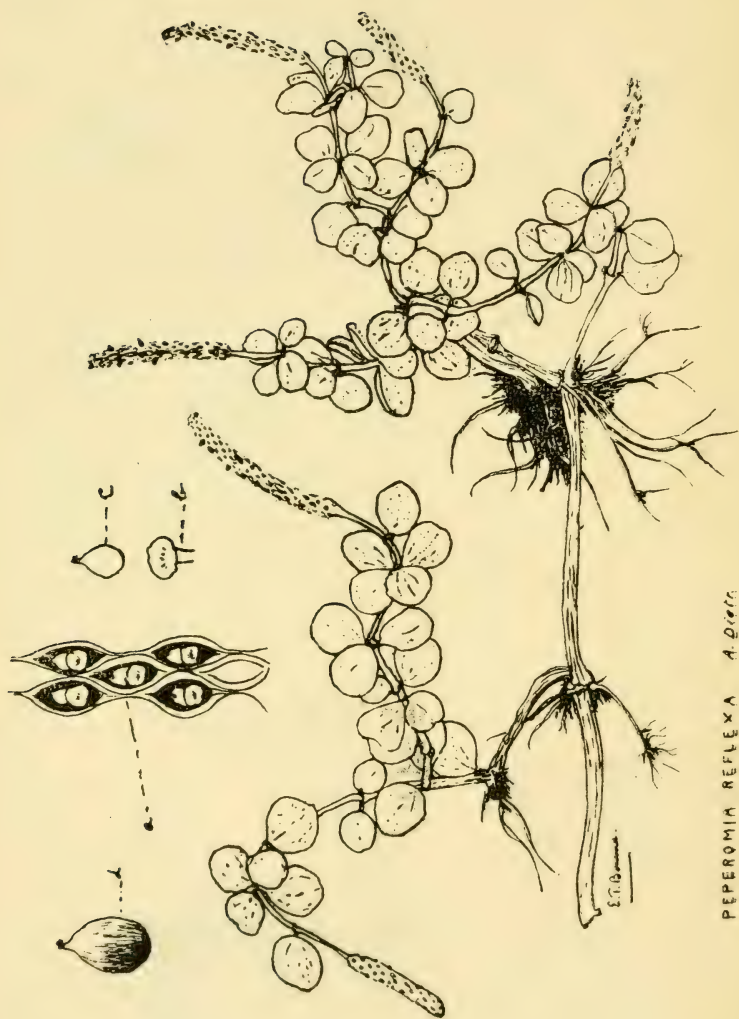
PIPER BRACHYSTACHYUM

Dr. Fyson



PIPER SCHMIDTII Hook

P. Nateson



PIPEROMIA REFLEXA A. DC.



E. T. Bourne

ELÆAGNUS LATIFOLIA Linn.



LORANTHUS CUNEATUS Heyne



E. T. Bourne

LORANTHUS NEELGHERRENSIS Wt.



F. Bruma.

LORANTHUS LONICEROIDES L



SARCOCOCCA

PRUNIFORMIS Lindl.



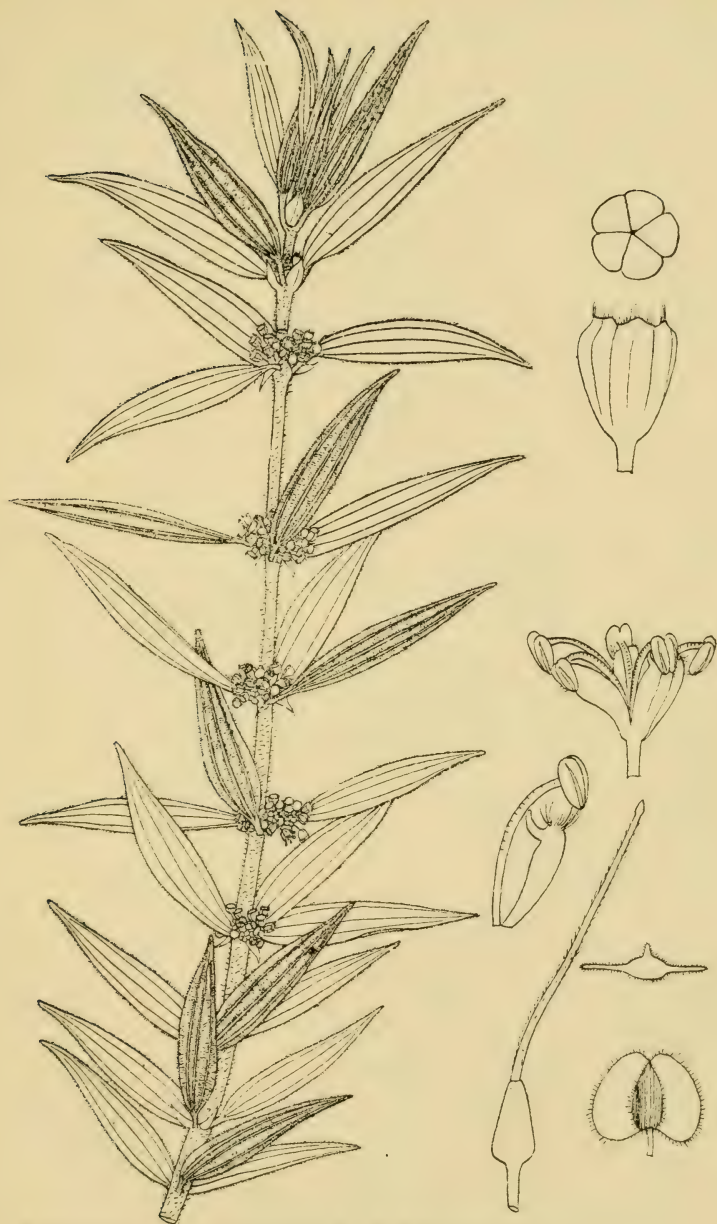
LAPORTEA TERMINALIS Wright



E. T. Bowma

PILEA WIGHTII Wedd.

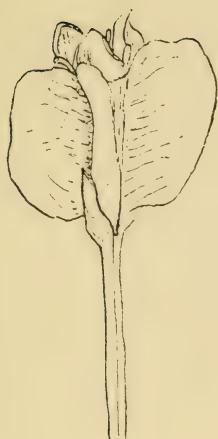




B. Nafsan

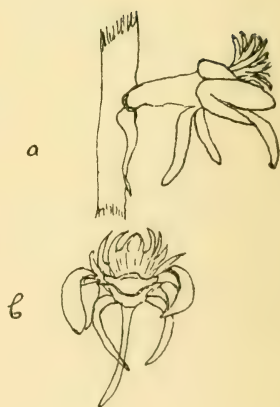
POUZOLZIA BENNETTIANA Wt.

*D. R. Fyson**DROGUETIA DIFFUSA* Wedd



E.T. Bourne

BURMANNIA CANDIDA Griff.



E. T. Bourne

MICROSTYLIS VERSICOLOR Wt.



R. Nateson

ERIA BRACCATA Lindl



E. T. Buma.

ERIA NANA A. Rich.

a



CÆLOGYNE ODORATISSIMA LINDL.



E. T. Bourne.

CŒLOGYNE NERVOSA *Rich.*



R. Natesan

CÆLOGYNE MOSSIÆ *Rolfe*

*ÆRIDES CRISPUM* Lindl.



M. F. HARRISON

AERIDES RADICOSUM A. Rich.



SACCOLABIUM FILIFORME Lindl.



R. Natesan

SPIRANTHES AUSTRALIS Lindl.

C. T. Boume.

HABENARIA FOLIOSA A. Rich.



HABENARIA CEPHALOTES Lindl.

H. cephalotes Lindl.



HABENARIA LONGICALCARATA A. Rich.



E. T. Cresson.

HABENARIA SUBPUBENS A. Rich.

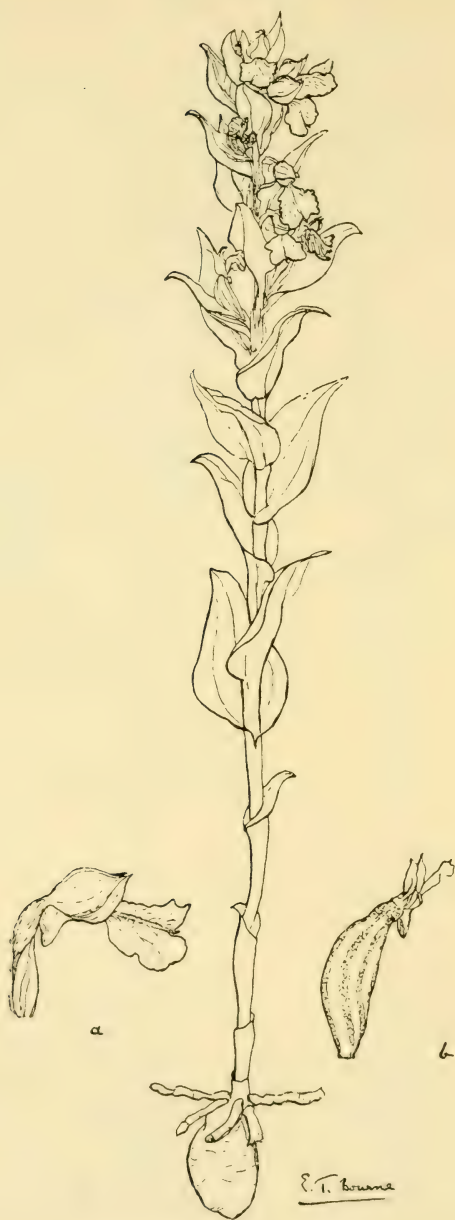


M. H. H. H.

HABENARIA CRASSIFOLIA A. Rich.



HABENARIA BICORNUTA Hook. f.



E. T. Bourne

HABENARIA OBCORDATA.



R. Nateson

CURCUMA NEILGHERRENSIS Wt.



CURCULIGO ORCHIOIDES Gaertn.

E. T. Bourne .

*ET Bourné*

SMILAX ASPERA L.

*R. Natesan*

ASPARAGUS SUBULATUS Steudel



R. Natesan

CHLOROPHYTUM MALABARICUM Baker.



DISPORUM

LESCHENAUTIANUM Don



L.T. Bourse.

XYRIS SCHŒNOIDES Mart.



COMMELINA CŒLESTIS Willd



D.R. Fyson

ANEILEMA PULNEYENSIS

Fyson

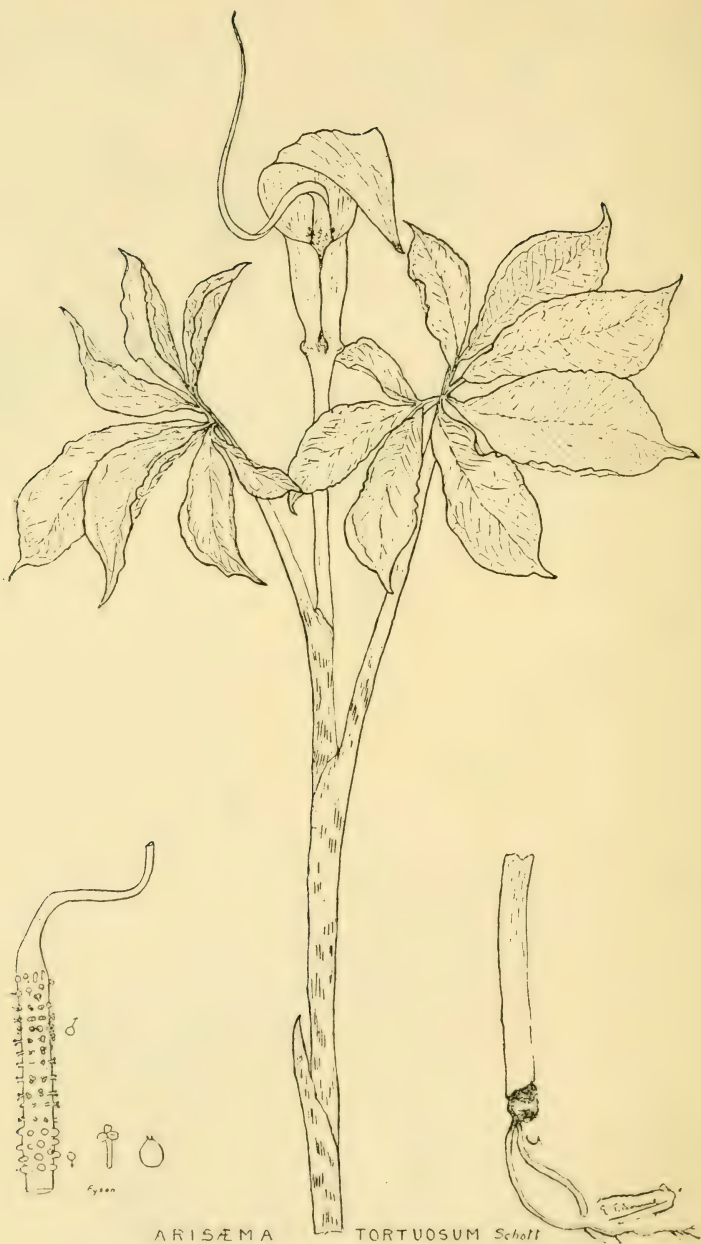


CYANOTIS ARACHNOIDEA Clarke



R. Natesan

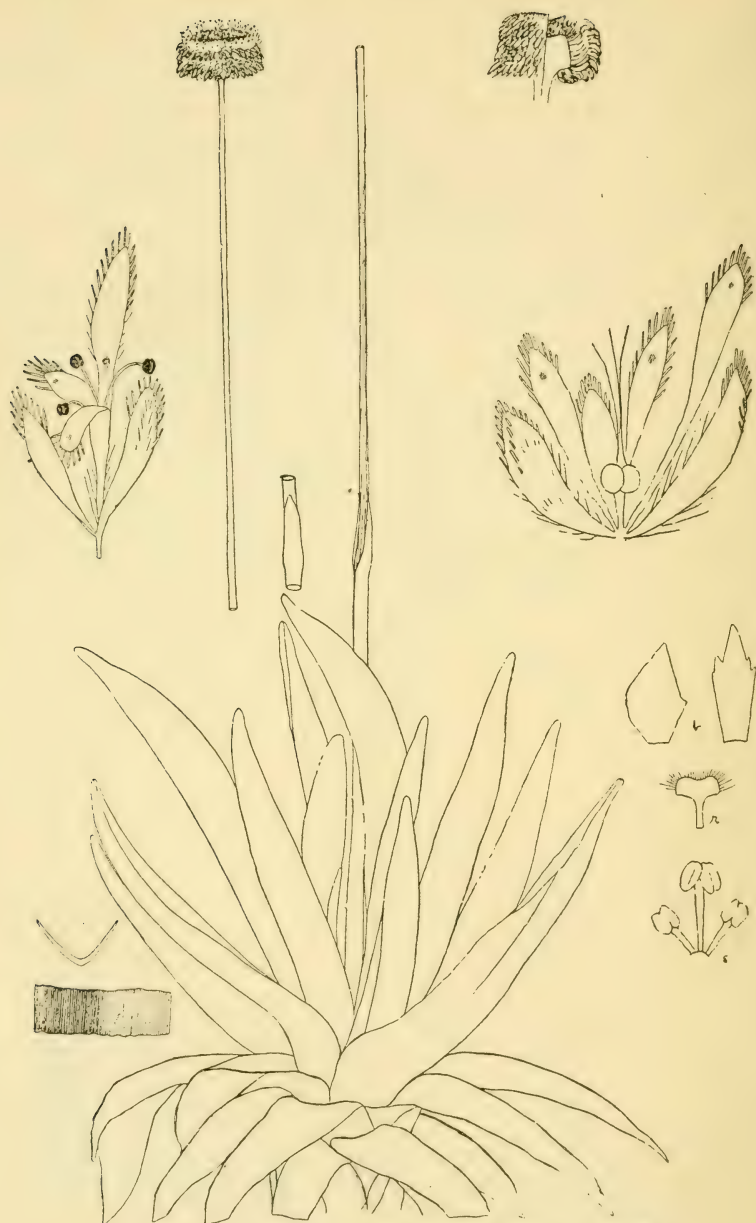
JUNCUS PRISMATOCARPUS BF





ARISÆMA LESCHENAUULTII Bl.

Lyon

*R Natesan*

ERIOCAULON ROBUSTUM

Steud

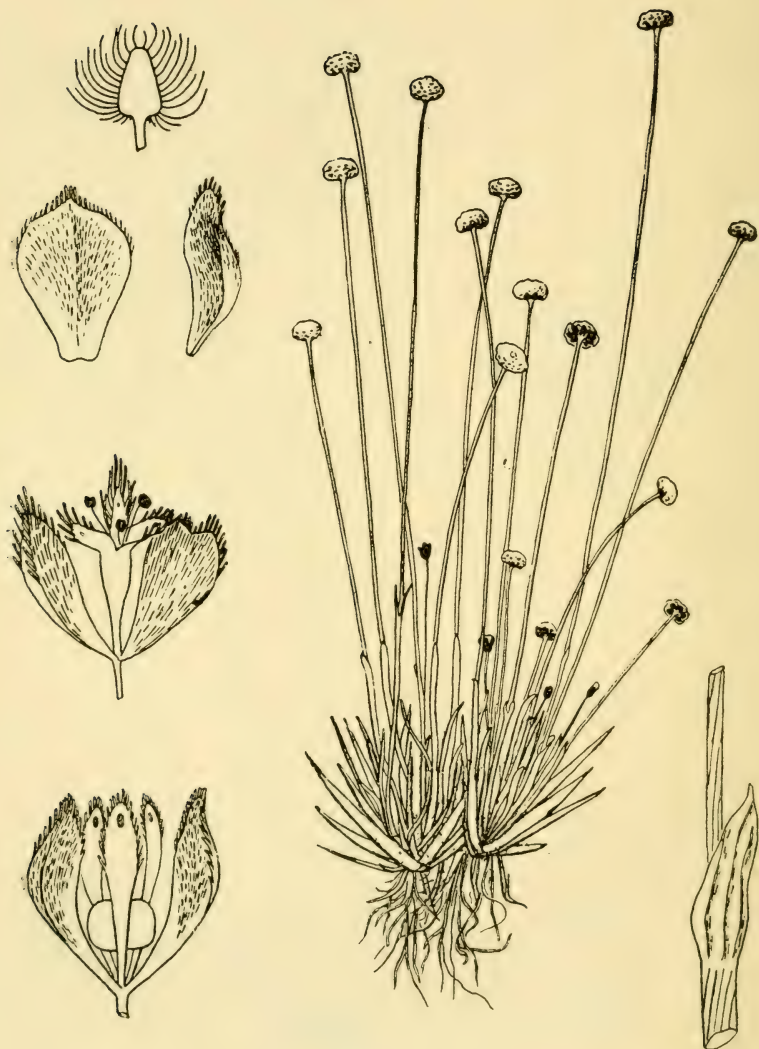


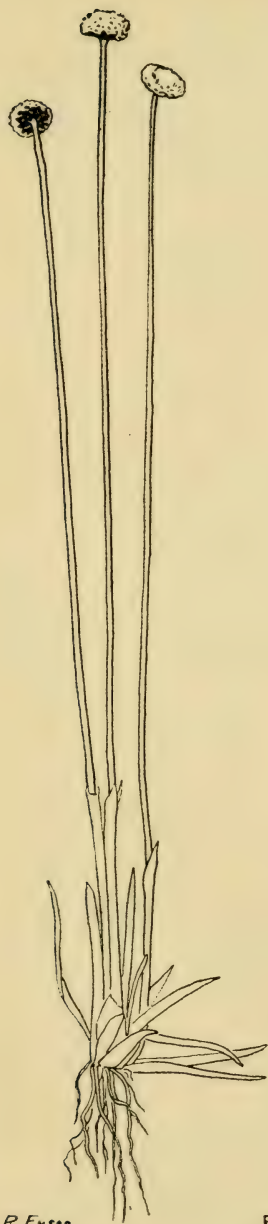
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ERIOCAULON

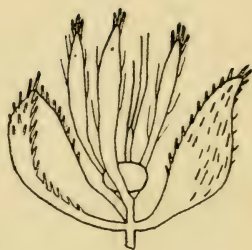
NILAGIRENSE

Steud.

*D.R. Fyson*ERIOCAULON COLLINUM *Hook.*



D. R. Fyson



ERIOCAULON CHRISTOPHERI *Fyson*



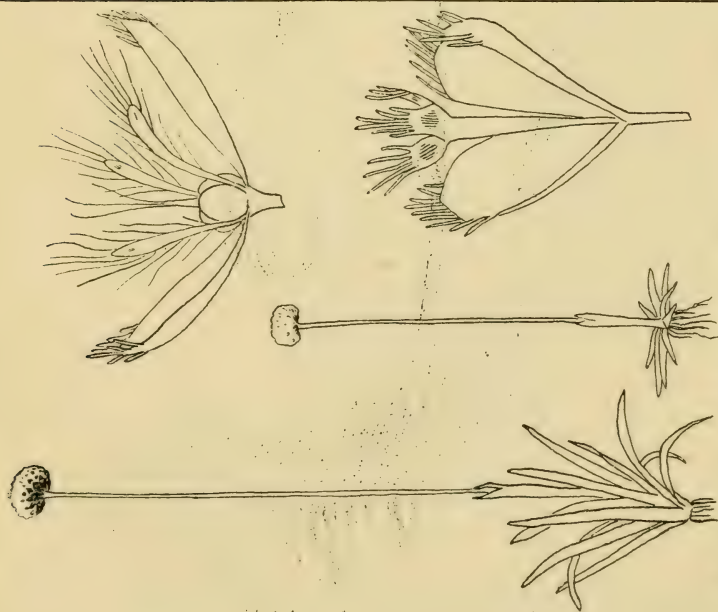
D R Fyson

. ERIOCAULON OLIVERI

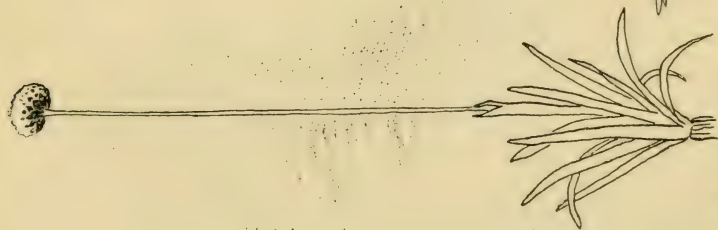
Fyson



ERIOCAULON MARIE Fyson



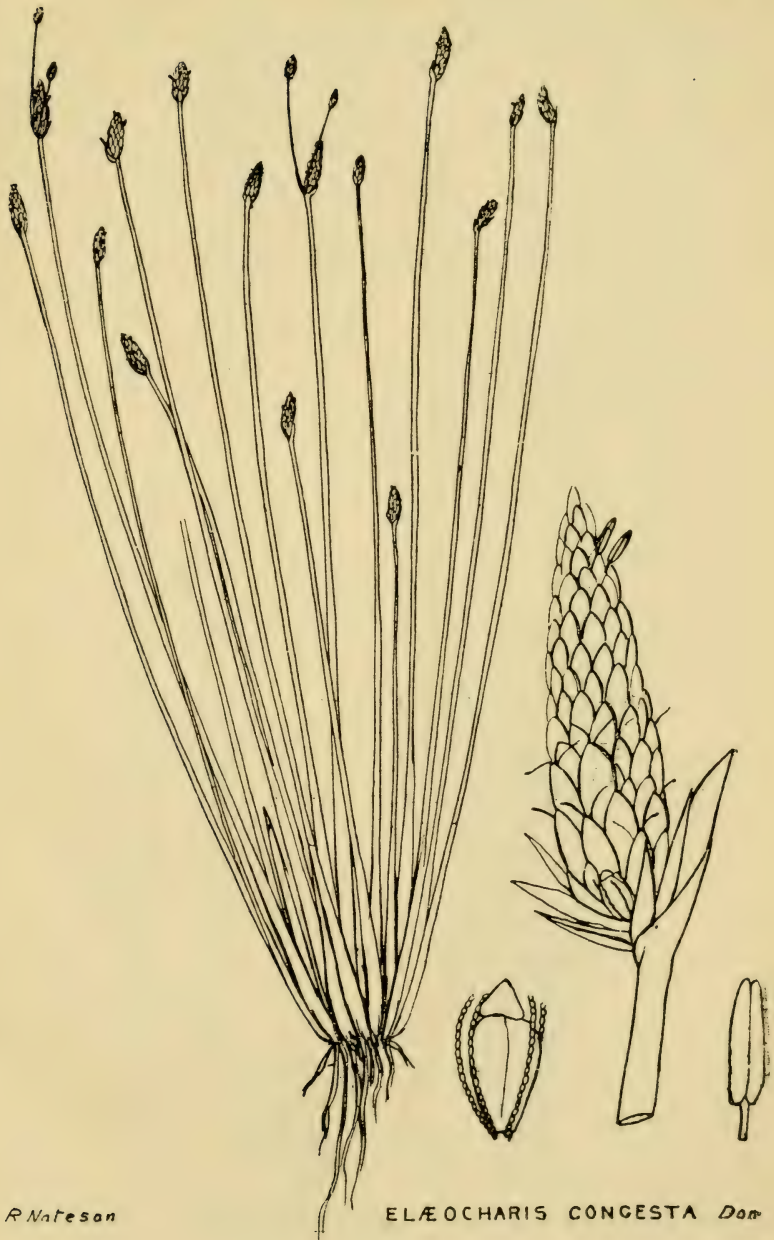
ERIOCAULON GEOFFREYI Fyson



D. R. Fyson



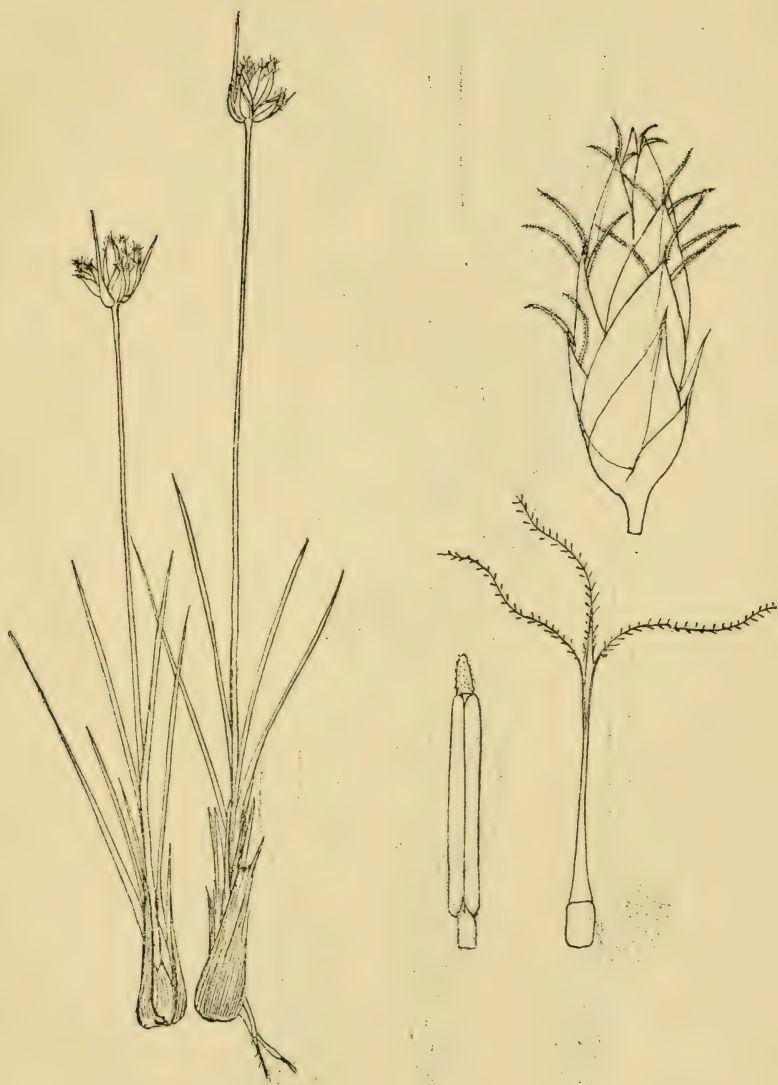
R. Natesan. KYLLINGIA MELANOSPERMA *Nees.*

*R. Natesan*

ELÆOCHARIS CONGESTA Don

*R. Nateson*

FIMBRISTYLIS SUBTRABECULATA

*R. Natesan*FIMBRISTYLIS ULIGINOSA *Steud.*

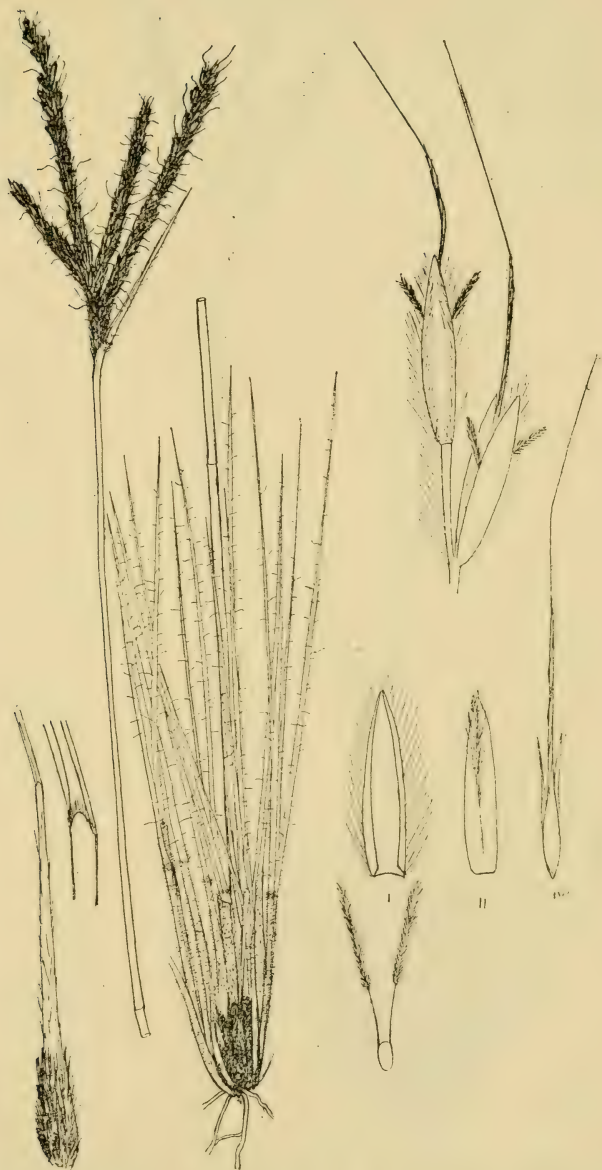


SCIRPUS ARTICULATUS Linn.

*R. H. Bateson**CAREX NUBIGENA* Don

*A. Nafes an*

ARUNDINELLA VILLOSA Arn.

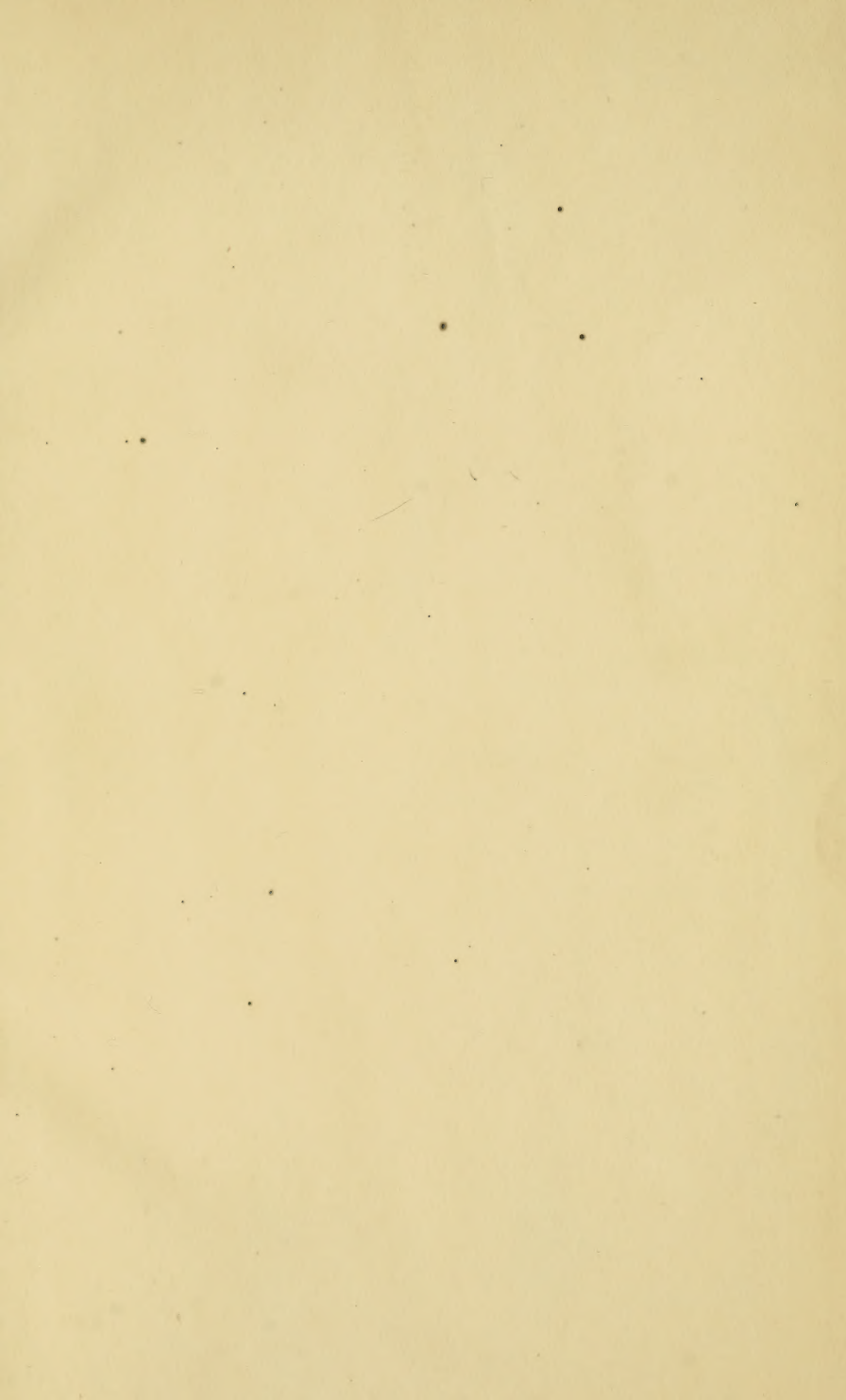
*R. Natesan*

POLLINIA PHÆOTHRIX Hack.



R. Nafeser

ANDROPOGON FOULKESII Hook f





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